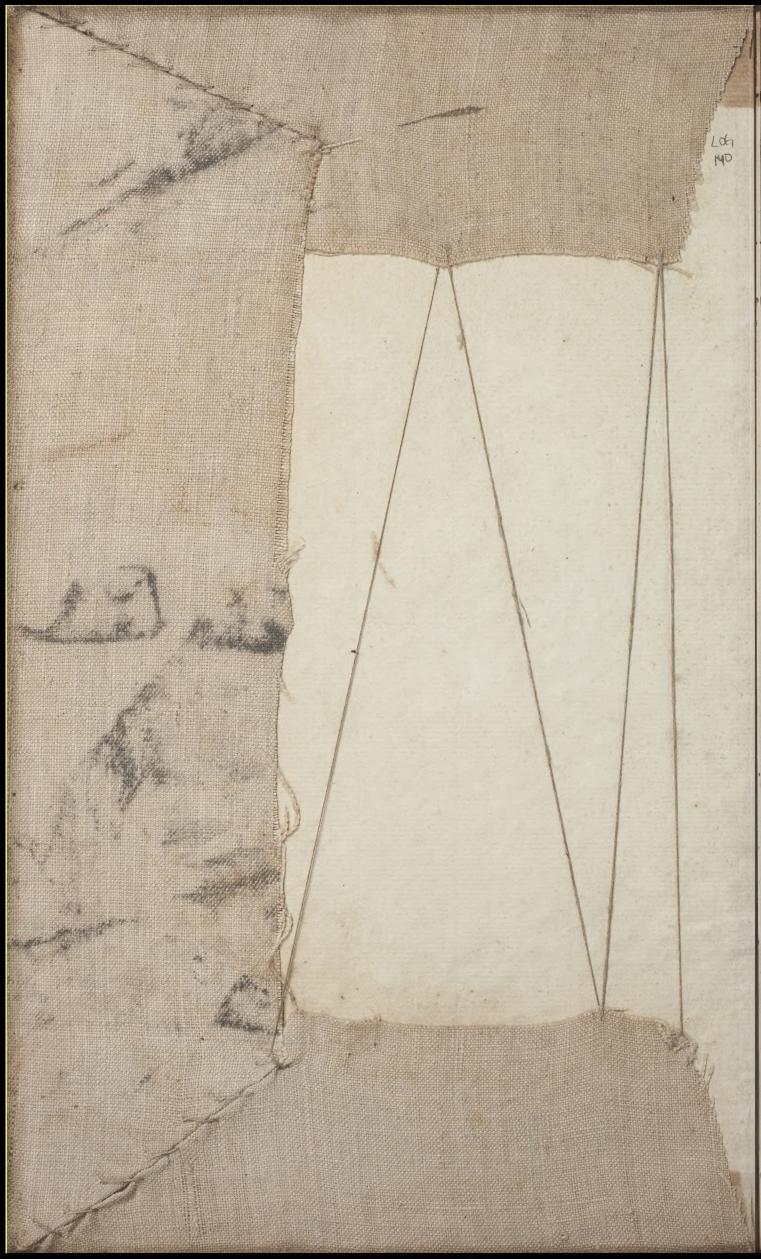
M 656 1818M S. W. PROM CHANTON.



Gasper Island Dist 25 miles, The han of mantanzas, is high land a little rounding on top, bring it to bear of by & and it shows two hillorks one to the Eastware & the other to the westward.

Laten towards Canton to Boston Legan Sept 13 1818.
By terminated on Sept 8th. 1819 -

H.	1 77	1				Milem towards Canton
	K.	Н.К	Courses.	Winds.	L.W.	Remarks on board Hefith 13.1818
1 2 3 4 5 6 7 8 9 10 11 12				O.E.		on Hourd and theighed our anchor and heat out left 21s.
1 2 3 4 5 6 7 8 9						
11						
12- ourse	D	ist.	Diff Lat.	Dep. Lat	t. by D	D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
		39.5		53 6		8.18.11 2038.09 00
1	1					
H.	K.	н.к.	Courses.	Winds.	L. W.	. Remarks on board Hofittelly 1816
1 2 3						
4 5 6 7 8 9 10 11	3377544555	/ ///	E byw/kc	S.E.	1/2 h	Begins With Lich Gale and Cloudy Weather at 2 P. M. Nook in top Galdant Vails at 4 single Greef the top dails At 5 Chatcher's Island Lights Bore of The William distance 3 miles Lion which I take a
4 5 6 7 8 9 10 11 12 1	775445556	/ ///		S.E.	1/2 h	Gallant Vails at 4 Sings
4 5 6 7 8 9 10 11 12 1 2 3 4	775445556666	/ ///	SU/gW,	S.E.	1/2 /4	Gallant Vails at 4 Sings
4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7	775445556666666	/ ///		S. E.	1/2 /4	Gallant Vails at 4 sings
4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9	775445556666666666	/ ///	SU/gW,	S.E.	1/2 /4	Gallant Vails at 4 sings
4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 11 12 1 10 10 11 10 10 10 10 10 10 10 10 10 1	77544555666666666653	/ ///	SW/zW,	S.E.	1/2/10	Gallant Vails at 4 sings
4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9	775445556666666666	1 11/1/1	Sulgri, Ek N			Gallant Vails at 4 Sings

	01	lia	as	from	CA	alem	towar d	's (Can	ton	
H.	K.	н.к.	Courses.	Winds	L. W.	Remarks C	n Step	the	15 11	1818	
1 2 3 4 5 6 7	2221234	11	East. ESE. SElyE.	OF		Begi			fre me	She Go	ale:
8 9 10 11 12 1	4433222	111	ESE.	*		Spoke	the C	Bir	ig 3	Fra al	er
2 3 4 5 6 7 8 9	1122236	11 111	886. South- Ect 6. Ebyor.								
10 11 12 Cours	16	Dist.	Cast	Dep. La	2 42	R. Lat. by Ob. 3' 42 45	Varia- Diff		Long. in		2/2 / by Ob
H.	1	1	Courses.	Winds.		Remarks 0		id	Het.	16	1818
1 2 3 4 5	666677	1////	East.	SH	90	in the	gales Veath	the Sk	16 De	ress	eds
6 7 8 9 10 11 12	665577	11111	Eby Sk.s SEby E. S East.							Walter &	
1 2 3 4 5 6	799999	1								1	
7 8 9 10 11	999898876	11/1/	ES E.					Q	3	69	8 01
Course of the state of the stat		Dist. 170	Diff. Lat.			R. Lat. by Ob			g. Long.		

-	116	ed.	as	from		Julem towards Canton
H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on board Chfitty 1818
1 2	6	1	Ely S.	21.71	2	B. 10:12 B)
3	6	1				Degins With Measan
4 5	6	1				Meather and fresh
6	6	1				Males the Couls the
7 8	6	1				Lay.
9	6	1				
10 11	6	1				
12	6	1				
2	7	1				
3 4	28	1				
5	7					
6 7	17	1				
8	8					
9	8					
11	8					Latitude Obro 12°0
12 Jourse	11	Dist.	Diff Lat.	Dep. La	t. by D	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
187	8/	68	. 9'			3' 42'03 1 d 3'35 612XW
H.	K.					
	17.	H.K.	Courses.	Winds.	L. W.	Remarks on roaded lefette 18:1818
1		н.к.	010	Winds.	L.W.	Remarks on roaded Defette 18:1818
1 2	66	H.K.	Courses.	Winds.	L.W.	Remarks on roaded Defette 18:1818
1 2 3 4		H.K.	010	Winds.	L.W.	5) M . O D
2 3 4 5	66	H.K.	010	Winds.	L. W.	Begins With Pleasant. Heather & Offresh Gales
2 3 4 5 6 7	66667	H.K.	010	Winds.	L.W.	5) M . O D
2 3 4 5 6	666777	H.K.	010	Winds.	L.W.	Begins With Pleasant. Heather & Offresh Gales
2 3 4 5 6 7 8 9	6667778877	H.K.	010	Winds.	L.W.	Begins With Pleasant. Heather & Offresh Gales
2 3 4 5 6 7 8 9	6667778877	H.K.	010	Winds.	L.W.	Begins With Pleasant. Heather & Offresh Gales
2 3 4 5 6 7 8 9 10 11 12 1	666777	H.K.	010	Winds.	L.W.	Begins With Pleasant. Heather & Offresh Gales
2 3 4 5 6 7 8 9 10 11 12	6667778877	H.K.	010	Winds.	L.W.	Begins With Pleasant. Heather & Offresh Gales
2 3 4 5 6 7 8 9 10 11 12 1 2 3	6667778877787788	H.K.	010	Winds.	L. W.	Begins With Pleasant. Heather & Offresh Gales
2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6	6667778877787788	H.K.	010	Winds.	L. W.	Begins With Pleasant. Heather & Offresh Gales
2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5	6667778877787788888	H.K.	010	Winds.	L.W.	Begins With Pleasant. Heather & Offresh Gales
2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9	666777887788778888888	H.K.	010	Winds.	L. W.	Begins With Pleasant. Heather & Offresh Gales
2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10	666777887788778888888	H.K.	010	Winds.	L. W.	Begins With Pleasant. Heather & Offresh Gales
2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	666777887778778888887766	111	Ely fiel	2/17		Begins With Pleasant Beather & Those Gales To ends the Day
2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 12 10 11 11 12 10 10 10 10 10 10 10 10 10 10 10 10 10	66677788778877888887766	111111111111111111111111111111111111111	Ely fiel	7/9/		Begins With Pleasant. Weather & Others Gales We ands the Day

-	M	ide	as.	from	Salem wards Canton
Н.	К.	н.к.	Courses.	Winds	L. W. Remarks on thefit 19 1818
1	6	1	818	71.97	The last 24 Hours moderate
3					Breze & Pleasant monthes -
4	43	1			at a Post Squared the Ejaran
5	3	1.			and let the harrown main
6 7	3 2	1			top mast & lofe Galland
8	22				studding Sails.
9	2	1	74		at 6 fillbed this
10	1	1			at 2 A SI the Wind hauted
12	1	1			to the South Mard took in
1	1				Studding sails & braced sharp
2	3	1º		4.0	Elfi
3 4	3	1	64.5	TE.	
5	3	1			
6	3	4		1.50	a la
7 8	3	1/2			
9	2	1	Cher.	P9 C	
10	2			V6(3	
11	2	1	60 h C.		
Course	e. [Dist.	Diff Lat 1	Den I Lat	by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
883	8 9	11'	L.		1.54 12:100 1/2 1° 302 55.50
	/	- 14 -		7 4	74 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
H.	К.	н.к.	Courses.	Winds.	L. W. Remarks on Board Defitt 20-1818
1	4,	1	CVC	N.Elis	() legins
2 3	5	1		Courses	and light breezes at Jewacks
4	5	1	CSGECV	7	the at tacke Ship again at & AM
5	4		-12501		
6		,	10.201		dent Down the Abyal gards,
7	3	1	J47138		ut 11 ollock 40 an Am Shoke the
7 8	1	111	84 13°	*	Bri Maranet of Marker
8 9	1444		93/1128 SS41		Brig Mas garet of Aborder
8 9 10	1443		93/188 8841 13/14/10		Bri Maranet of Marker
8 9	1444		83118 8841 1311911		Brig Mas garet of Aborder
8 9 10 11	14434		93/18 3841 13/1011 NE		Brig Mas garet of Aborder
8 9 10 11 12 1 2	14434455		93/11:38 3.841 19/11:11 CN E		Brig Mas garet of Aborder
8 9 10 11 12 1 2 3	144344556		93/1138 3.841 13/11011 CN E		Brig Mas garet of Aborder
8 9 10 11 12 1 2	14434455		5,841 5,841 5,544 08 ° E.		Brig Mas garet of Aborder
8 9 10 11 12 1 2 3 4 5 6	44344556676		SM 13 SS 41 SMAN CV E		Brig Mas garet of Aborder
8 9 10 11 12 1 2 3 4 5 6 7	1443445566766		5.841 5.841 5.444 cs ° E		Brig Mas garet of Aborder
8 9 10 11 12 1 2 3 4 5 6	44344556676		SM 13 SS 41 SMAN CV E		Brig Mas garet of Aborder
8 9 10 11 12 1 2 3 4 5 6 7 8	144344556676665		5.841 5.841 5.444 cs ° E		Brig Mas garet of Aborder
8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11	1443445566766654		5.841 5.841 5.444 cs ° E		Brig Mas garet of Aborder
8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11	144344556676666545	111111111111111111111111111111111111111	5.841 5.841 5.841 64.84 64.84 64.84	Day	Brig Mas gaset of Abridency founds for St. 2 Layer out.
8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 Course	144344556676666545	I I I I I I I I I I I I I I I I I I I	5.841 5.841 5.841 64.84 64.84 64.84		Brig Margaret of Abordery britished to Sta Johns of Europe out. 52 Layer out.

	Ah	das	from	Sale	m -	towards	Canto	n
H.	K.	H.K. Courses	. Winds.	L.W. Rema	irks on	board	Acht RAT	1818
1 2	-	1 0884,8	100	6	Begins	With a	liff free	zes ~P.U
3	6	1 808 B	her Source	G.	and for	gy Waa	They al	top
5	-	Bluckt.			Turket	An tails	and sings	le
6					reefid;	the tope	sails	Say
8	5	1 Chych			Middle	hast	Lead at	yAm
10	-	, Bex &			set the	- and	allant to	f the
11		1 Glys	F		top sas		selfs out of	
1	4				7	-0	111	00
3	1	Claro			She.	s Lay	o less h	anto
4	4				emf	loeged	harothen	Jaons
5	1							
7		1886	7			1		
9	-	1						
10								7 . (<u>%</u>
19	2 3	1	1			T. I Dim I		61
Cou	0 0	03 52'	1 .1	3°54	Lat. by Ob. V	aria. Ditt. Lon	g. Long. in L	ong. by Ob.
	-				· on	board	Not the	2.1818
H		H.K. Course						
9	2 5	1 8868	-		7	MI MI	levale We	+ + 30
11	3 6				lick for	777	Royal Eps.	
	5 7	686			loft.			1
	7 6	1 2861	5		1 3 h	assed son	near a	estung
	8 5	1 584	of the same	10	Al-last	to frest &	Tear her	We we
1 1	1 6			is	carechy	n so the	n hertar	+ thirty
	2 5	188	1399		A .	listance.		41.
	1 5	1	2011	1				
	3 4							10.7
	1 /	1					200	disco
	4 1	1 880	55	a	t 8 A L	A Clear	Weather	disco ling to
	5 5	1 884	55	the	e of Th	Hove too	Weath and show	unig an
	5 5 5 7 8 4	1 884	(B	the	e of My	Hove too	and sour	Med.
	5 5 5 5 7 8 4 4 4 10 4 4	1 580	5.5 5.8	the	e of My	Hove low	la stana	Med.
1	5 5 5 7 8 4 9 4 4 10 4 11 4 10	1 58	(d)	the	e of My	Hove too	and sour	Med.
	5 5 5 5 7 8 4 9 4 4 10 4 4	1 58	48	the mi	Lat. by Ob.	Hove los hands tjarns.	for other	shed.

	oh	lid	as	from	Ali	lem		towards	6	ante	m	
Н.	K.	н.к.	Courses.	Winds	L. W.	Remarks	on	board	defi	16-20	3.181	8
1	4	1-1	8.18	1 Phy TV	7	Comm	ence	es Alloa	lerate	- 200	the to	hick
2	4	1	,	6			720	anthat.	at 3	3 FON	lides:	over
3	1	1					A.	40 10 M	rna	wara	Costa	no
5	1		00	8011				Ful 0	1		-	1 1
6	4	1	46	DIN		10 10	sh	Breeze	ana	1 tota	udes	al
7	5	1	8510			10: 30	in	Royals	ana	ty	17/	late,
8 9	5		36h 0			heavy				1	Se la	
10	5	1	Sis	/					a.		1/	22 4
11	5	,						stiff 0.	0100	ge an	ia oi	cas
12		/	000			Weath		10			,	
1	5	1	356			at y	30'0	al det	Ro	yalsn	and	
2 3	4	1		-				it at				
4	4	1	Seis			1	11.	Brace.	s: an	a set	the	stay
5	5					Sails	nes	top no	rast	Stud	dino	Smile
6	5	1	1.18			at 11	Bitus	ed up	, too	he in	At	42
7 8	6			When		stud di	ng s	ail; &	md	# res	hus	reeg
9	17					and	6	loudy.	1			10
10	8		Sily Sid					1	of the	el4	3021	North
11	8										-	11
12	17	1	Dim r	D	1 7		74 1 TZ	in 1 Diff Y	1		T	(2)
Course	.0	1				1		ria. Diff. Lo		ca seed	Long. I	by Ob
1158	10/	25	00	100 4	000	cs 43° 2	400 /	181. 4 2	184	611	7 13	
Н.	K.	н.к.	Courses.	Winds.	L. W.	Remarks	on	Board	Sept	Aby.	4.18	1/8
1	7	1.	Pay 8	Phylo		off	,	4 hours		and	Veryo.	ese
2	7		00.0	871		one.	e Li	woly The	Xon t	for	10	7-1
3	· my	1	888	of fr		76287	GLO.	chy "				
5	14								1		0.	
6	6	,				at:	50	Il ofgu	or the	1201	Ein	
7	6	1				rejali	s, as	nd fly	thing	face		
8	10	1				5/			1		1	
10	7										-	104
11	6	1		7								ALE:
12	0	1								1		
1 2	10	,								3		1
3	18		88/4.8	871490	-	at-3	ctes	I in fo	rie a	and c	Shiz.	Cze
4	8							to Sail			1	
5	7	1				//						3
6	6	1	882.8	Tariable		1/2	CX	1.	1,	4	P	
8	6	1						fore an	11 01	Jen	colon.	8
9	7		98		-	gallan	1 30	acts,			1	9.1
10	1/4	1,				one,	e . e	maplas	, do	2 Ta	review	403
11	14	1				for	er.	: Lat		me 410		
12	1	A I	Dia Las I	Den I I a	the D. I	O I I as Y	Ob 1 37	office I AND I		nice de l	I have 1	
Course	-		- 1					ria Diff. L			Long. b	y Ub.
600	1 1/2	1 101	90	1 47	80 /00	21 /201	-63 3	1-11-00	001	100 10		68
858	6/	62	86	1374	1.28	4 4105	6.02	1 3° 0	884	3:49		

	1.	2 /		from		towards (- 21 f
Н.	K.	н.к.	Courses.	Winds.	L.W.	Remarks 12 " and in forthe 5 18,8
1 2 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12 10 11 12 10 11 12 10 11 12 10 11 12 10 11 12 10 11 12 10 11 12 10 11 12 10 11 12 10 11 12 10 11 12 10 11 12 10 11 12 10 11 12 10 11 12 1	111111111111111111111111111111111111111	on f	Diff. Lat.	Dep. La	٠	D. R. Lat. by Ob. Varia, Diff. Long. Long, in Long. by Ob.
11:	2 +	,0	7 . 0	10 %	1.	20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Н.	K.	н.к.	Courses.	Winds.	L. W.	Remarks 10 1000 1 19 26. 1818
1 2 3 4 5 6 7 8 9 10 11 12 1 9 10 11 12 1 12 1 12 1 1 12 1 1 12 1 1 1 1	254 6606000 1 1777 1 x x 300	11 11 111111 1		× 2	e .B	
Churs			Diff. Lat.			D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
11. 11.61	198/	17 14	111'	127	04 1	7 1 4 1 7 1

	111			from	Le CIN towards tuille
H.	K.	Н.К.	Courses.	Winds	L. W. Remarks to real fine the
1	3	1) (in 15 % W. west in it alor
2 3	8				int as , I cather it fand
4		1			the the west there well
5	8				" / : / al
6 7	Ş				Mixxx har is no de mo de
8	8				12. 2.
9 10	ŧ.	1			
11					
12	. , -	,			
1 2	`.	4			
3	6				
4					
5	P	1			by the the transfer
7		1			De trace 122
8		,			
9	جزنه الآري	1			transing with a remain
11		-			at the St. Williams
12	1.	1			
Course	1		1		by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
200		, 2,5	122	35 27	1. 1 his p 21th 1. 158 . 1 11
Н.	K.	H.K.	Courses.	Winds.	L. W. Remarks on Monday out is 18/19
1	2	1		7 .	Connect of the contract of the
2 3	.45				21. 6 1 62:92 " " " the se
4	, 3	1			
5	. J		0.1		
6 7	3		1 . 15		
8				•	Mait re to it has a second
9	3. 3. 1. 1.	8 1			
11	5	6	100		
12	13	1			
1 2	6		1/2- 4"		Found 11 1/2 Ricen to the
3	1				8
4 5	1				
6	1	1	11		
7	,,	1			
8 9	1	,			
11	6	1			(in deep for - in set
11	1	1			Setile to 12 1 39 26 a Sould
Course	. 1	Pist.	Diff. Lat.	Dep. Lat.	by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
0.1					· 20' 20'26 27 1° 21 10'18'

H. K. H.K. Courses. Winds. L.W. Remarks 12 Chies
2 3 8 4 8 5 8 6 6 7 7 8 9 7 10 12 6 1 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3 8 4 8 5 8 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
10 7 10 10 10 10 10 10 10 10 10 10 10 10 10
5 8 6 7 8 9 7 10 7 11 6 1 12 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7 8 9 7 10 7 11 6. 1 12 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
8 9 7 10 7 11 6 1 12 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6
9 7 10 7 11 6 1 12 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10 7 11 6 1 12 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6
11 6 1 1 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 6 2 5 3 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
2 5 3 6 4 6 5 6 6 6
3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
5 6 6 1 1 1 ton a continue.
6 6
0 6
9 6 inpetands, inner te to 2
10 6
11 5 /
12 5 1 12 13 14 15 15 15 15 15 15 15
Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by C
1110 53 150 2 32 50 5730 74 103 3016
H. K. H.K. Courses. Winds. L. W. Remarks
1 1 lout 9. Pite Begins with Morrows to
3 4 1 yeares or Tropsant weekler
3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
6 4 Middle from some
7 3 3 2 2000 manifer 1 2012 1.
10 2
10 2 Culina 1. 19 16 Culina 1. 19 11
11 2 /
12 / /
12 / /
12 / / / / 2 / / / / / / / / / / / / / /
12 / / / / 2 / / / / / / / / / / / / / /
12 / / / / / / / / / / / / / / / / / / /
12 / / / / / / / / / / / / / / / / / / /
12 / / / / / / / / / / / / / / / / / / /
12 / / / / / / / / / / / / / / / / / / /
12 / / / / / / / / / / / / / / / / / / /
12 / / / / / / / / / / / / / / / / / / /

(Hi	ita	("	from	1.11	214/11	τοι	war ds	var	rte	73
Н.	K.	н.к.	Courses.	Winds	L. W.	Remarks	on o'A	. os 5-61	ay Cot	and the second	1818
1	7	1	. C. of			1 0, ,,	» + + > 2 o · e s	3. 18.	. 2	25	ce 4 e s
2 3	1	1				73	e lead	int.	1 Peals	e es	
4	1										
5	1		11/4			<i>j</i>	1.1.87	7		9 1	
6 7	1	1				1.4 .	C 1 C 71	1 7 7 8	7 P. 6 ''		-
8	1	1									
9	1	,	1 295								
10	1	1									
12	1	1					11.				
1	1		1 6								
2 3	1 2	1	4.								
4	. 3										
5		1	1818			,			7		
6 7	2	/				· hie	lotter,	2411	. 728.21	in a pa	ath das
8	.5										
9	.5	1	4145								
10	, ,	1	1				, , 4:	·	£ 12 35		20.00
12	3		//				. L va sa	204 L F. F.	€	wid a	A 23 Y
Cours			Diff. Lat.	Dep. Lat	t. by D. 1	R. Lat. by O	b. Varia-	Diff. Long	g. Long.	in L	ong. by Ob
1	5.	and s	101	30 3.	10.89	w 1 11.2	2 - 1 2	12 00	2. 7	1 4	1.
						1.7 .7.	1 2.61	~ 2 8 3	1024		
H.	К.	(Courses.			Remarks o				-	8/3.
	.3	н.к.				Remarks d	ne th,	zarr	2° of in h	20 1.	
H. 1 2	3 5	н.к.	Courses.			Remarks o	n shi	zaay	Colina	9 1.	104
H.	.3	н.к.	Courses.			Remarks o	ne th,	zaay	Colina	9 1.	104
H. 1 2 3 4 5	3 5 6 6	н.к.	Courses.			Remarks of	ne ski	zaray	20/4		104
H. 1 2 3 4 5 6	3 5 3 3	н.к.	Courses.			Remarks of	ne the	zaay	20/4		104
H. 1 2 3 4 5	3 5 6 3 7 5	н.к.	Courses.			Remarks of	ne the	zaay	20/4		104
H. 1 2 3 4 5 6 7 8 9	3 5 3 5 F 5 P F F	н.к.	Courses.		L.W.	Remarks of	too he	zaray			P 4
H. 1 2 3 4 5 6 7 8	3 5 3 3 7 5 5 5	н.к.	Courses.		L.W.	Remarks of	too he	zaray			P 4
H. 1 2 3 4 5 6 7 8 9 10	3 5 3 3 7 5 5 5 5 5 5 5	н.к.	Courses.		L.W.	Remarks of	to the the	zaray			P 4
H. 1 2 3 4 5 6 7 8 9 10 11 12 1	3533335555	н.к.	Courses.		L.W.	Remarks of	to the the	zaray			P 4
H. 1 2 3 4 5 6 7 8 9 10 11 12	3 5 3 3 7 5 5 5 5 5 5 5	н.к.	Courses		L.W.	Remarks of	to the the	zaray			P 4
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4	3033 3 3 8 5 5 5 5 6 6 6	н.к.	Courses.		L.W.	Remarks of	to the the	zaray			P 4
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5	3033 3 3 8 5 5 5 5 6 6 6	н.к.	Courses		L.W.	Remarks of	to the the	zaray			P 4
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7	3533 3 1 5 1 5 5 5 1 6 6 7 7 1	н.к.	Courses.		L.W.	Remarks of	to the the	zaray			P 4
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8	353375 2455019614	н.к.	Courses		L.W.	Remarks of	to the the	zaray			P 4
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7	35337555556	н.к.	Courses.		L.W.	Remarks of	too he	zaray			P 4
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11	353375 2455019614	н.к.	Courses.		L.W.	Remarks of	to the state of th	zaray			
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12	35337524555196141	H.K.	Courses.	Winds.	L.W.	Remarks of	to the state of th	in an			
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 Course	35337555556	H.K.	Courses.	Winds.	L.W.	Remarks of	to the second	Liff. Lon	g. Long.	in Lo	

5	110	· EHE	26"	from		Medine towards CANECE
Н.	k.	H.K.	Courses.		L.W.	Remarks in Flat vivay Cast's . 8.0
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11	21122300111233201111					
11 12						atitien de file 3040
Course	j D	ist.	Diff Lat.			R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
	200	1		27	32	J' . 3° 18 . 11 13 3518 . 1. 1'
н.	K.	н.к.	Courses.	Winds.	L.W.	Remarks on Fun day Coffee 1818
1 2 3 4 5 6	5 ac	1	6. U	2.76		Anna the cold throw he is
7 8	13	1	1.1.17			
9 10	5					Mitale out att for it in
11 12	5	1				A recept on the contraction
1 2	,5°	1				
3 4	4	1				of the 18 set we top a st
5 6	5 6					The orther of strate of the sent
7 8	6					The the thing said and his red
9	7/4	1	P. 34.			in the same of the same of the
11	7		is it			and the man to a 2 to 1999
12 Course	Di	51 1	Diff. Lat. j	Dep. La	L by D	R Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
,13° n	110	Gi'	100			66 28° 45" 1' 1 0 08" 1 12 30°57

1		7	, , ,	ъ.	from	Let & Howards Canting
S S S S S S S S S S	Н.	K.	н.к.	Courses.	Winds	Remarks
S	2 3 4 5 6	3		ć.	9	
Course Dist. Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Variat Diff. Long. Long. in Long. by Ob.	8 9 10 11 12 1	3		. 19		
Tourse Dist. Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. Long. Lo	3 4 5 6 7 8	5				the same of the sa
1 2 3 4 4 5 6 7 7 8 8 9 10 11 12 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 10 11 11 12 12 12 12 12 12 12 12 12 12 12	11 12 Course	9 1	(), () P		. 7 4	by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
8 9 10 11 12 1 2 2 3 3 4 4 5 5 6 6 7 8 9 10 11 12 12 2 5 5 6 6 7 10 11 12 12 2 5 6 6 7 10 11 12 12 2 5 6 6 7 10 11 12 12 12 12 12 12 12 12 12 12 12 12	1 2 3 4 5	(-		" inus	in the same of the and
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Long. Long. in Long. by Ob.	8 9 10 11 12	3 77				
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 4 5 6 7	() ()		· ~		
6 16 16 16 16 16 16 16 16 16 16 16 16 16	10 11 12 Course					

	11	1. 1. 1. 6.	25				towards Criss	H
Н.	К.	н.к.	. Courses.	Winds.	L.W.	Remarks , 7	Bed words, Fell.	7., 816
1 2 3 4 5 6 7 8 9 10 11 12	7777788778		Earl				in the first of the service of the s	
2 3 4 5 6 7 8 9 10 11 12	****	1	•				•	6.50.
Course	D 16	ist.	Diff Lat.				Varia. Diff. Long. Long. in Lo	ong. by Ob.
==-							/ /h-	
H. 1 2 3 4	K. 7777	H.K.	Courses.		L. W.		to an est of sets of	
5 6 7 8 9 10	8 99 88 86	11/1						
11 12 1 2 3 4 5	8088877	/				the but	experience some	ingle to
6. 7 8 9 10	77888	1					· 240 · · · · · · · · · · · · · · · · · · ·	
12	8						ortrace dell'	
Course 12	1 DE		Duf. I.at.				Varia. Diff. Long. Long. in L	ong. by Ob.

	100	10.1		from	13	d & P. P. B.	torvar ds	Carton
H.	К.	н.к.	Courses.	Winds	L. W.		, ,	18/18
1 2	1	1/2 1		6-6 de				of the the things
3	4	/				for a construction of		este to the Track
5	0.0	1						
6	É	1						
7 8	250					<u>.</u>	3	P. J. S. C.
9		3-				e [™] ; • ´	1 1 3 2 6	
11	١	7						
12	5	1	*				1 1 2	A (1) 000 1 1
2 3	5					7 2 4	tee Bure	A STATE OF THE PARTY OF THE PAR
4	8							
5	4	1						
7	8							
8 9	4	/						
10	9							The Mer of More
11 12	9						. 2 6	1 -1 x 18°
Course				1		4		Long. in Long. by Ob
-==	8	(1)	16.51	1.		Proprieta Single	1- 3/	1.563
Н.	K.	н.к. Сос	urses.	Winds.	L.W.			26 616-10.1818
1 2	8	1 15	0	ć		,	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Le lite in
5	×					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		d
5	9	/	•			* P	Y 7 . * 2	" E act of the
6 7	7	1 .	7				0.2 0 2 2	£.
8	l.	1				ę.e		0 3 f 12 1 Com 14 2 3
9	0					B B . 2.		1"
11 12	14	4 (a L				,	
1	log		6.6			3 . 36 418	160 11830	The season
2 3	1					in a form	cased a	ar emilia
4	69	1 2 :	1421					
5 6	6	1				lare to	The sale of	cear into ation
7 8	5	1.	· A					
9		, 6	7 1					
10 11	18					45	1 1 1 1 1 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1	in Angelia All
12	4"		- 1	i				C.
Course	1			Dep. Lat		- 1		Long. in Long by Ob.
3/	4/1).) /.	4	0 11	3/		1.10:8	

H. K. H.K. Courses. Winds. L.W. Remarks or Fine day of the 18.
1 6 2 6 3 6 4 6 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
6 5 1 . line 6 7 3 8 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
12 5 1 4 1 10 1 10 1 10 10 10 10 10 10 10 10 10
10 11 12 13 1 Course Dist. Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Oc. 100
H. K. H.K. Courses. Winds. L. w. Remarks in house y College 19 19 19
1 1/2 Start Start proce Starte Site of the
6 /4 7 4 8 3 1 20 11 Color of the first of t
10 3 1 Journ Variety Courter The Species of the Very 12 1 3 1 Journ Variety and souther this species.
2 3 3 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7 4 8 9 4 1 666
10 11 /2 12 /4 1 Course Dist Diff. Lat. Dep. Lat. by D R Lat. by Ob. Varia. Diff. Long. Long. by O 12 8 34' 78' 32' 8" 34) 15" 15

	3/1	* *		from	, , ,	cowards (contine
Н.	K.	н.к.	Courses.	Winds	T. W.	Remarks on 11000 2000 3.1818
1 2 3 4	# # /	1				China Ohn of theme in the
5 6 7 8	, , , , , , , , , , , , , , , , , , ,	1	() () () () () () () () () ()			han in the
9 10 11 12	7. !					All with the fourth of and a south we have the second of t
1 2 3 4	- d					is the property of the stiff of
5 6 7 8	1	1	€· 'Z			
9 10 11 12	(19)					the second 81824
Course	e. L		1	1		R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
Н.	К.	н.к.	Courses.	Winds.	L.W.	Remarks one Fines day & 14 1818
1 2 3 4) .: .: .: 		· ()			Mind the second of the
5 6 7 8	2	1		\$ 78		of a de hours of the second of the second
9 10 11 12	4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1			,	it the start the one
1 2 3 4		i				det is it all of the test of the
5 6 7 8	2 E P	e g			c	to en inthe
9 10 11 12	. S					and the ac Philippe Office
Cours			Diff. Lat.	. 3		R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.

H. K.	8_ 4	Mil	Vir.	1	from	Chiene towards Ganetone
2	Н.	К.	н.к.	Courses.	Winds.	L.W. Remarks 12 1. The day in 15. 18/8
9 10 2 11 2 2 2 2 2 2 2	2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7	2 2 2 2 2 3 2 3 4 3 5 3 5 3 5 5 5 5 5 5 5 5 5 5 5 5 5	111111 111			Middle scalable with rain. I may begin a firm of the strong in the stro
H. K. H. K. Courses. Winds. L. W. Remarks a Shirt of the control o	9 10 11 12 Course	2 2 2	ist.	Diff Lat.	1 -1	at. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					Winds.	
1 5 2 4 3 4 4 5 6 3 7 8 4 10 14 11 14 12 14 10 14 11 14 12 14 10 14 11 14 12 14 10 15 10 16 10 1	2 3 4	94.	,	/		7
8 9 10 11 11 12 14 Course Dist Duff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. by Ob.	6 7 8 9	2 3 5 5 4			. 5°	The stages were fire of the property of the stage of the
	6 7 8 9 10 11 12 1 2 3 4 5 6	23 65 44 54 54 4433				a shift to a in the and of the state of the

11	11	Y. 17.		from	1	.7 /		towar ds	(4.12.	232
H.	K.	н.к.	Courses.	Winds	F. W.	Remarks	118	2	n.* ,	.7 9 53
1	ý,		8 .13	9		C.F.	11	11 9 11		· louis
2 3			(ř			10 2	
4 5	, ,)					17.	1 /2	Vi .		,
6	•,,*	1	{ ^				£		n	
7 8	111		7			ø	**		,	2016
9			1			/ . ·	17 6			A_displant reco
10	2	1					().	? V s	1, 20	
12	1	1	2						(*	
2	1		·							
3 4	1									
5										
6 7									·	
8	2		6							
9			e``					, .	*	~
11	1							the contract	6 6	pie
Course	e.	Dist.	Diff. Lat.	Dep. La	by D.	R. Lat. by	06. Va	ria. Diff. Long	g. Long. in	Long. by Ob
, 81		6	5"	100	0/8	16 600	1:8 3:	1. 6.16	2217	
H.	K.	н.к.	Courses.	Winds.	L.w.	Remarks	1	16 42 4 56 W	ot . f.	8 1818
1		1	· ',	1. 19 1						
2 3	1	, ,		st.		.*.	, .		8 3 . 20	r 4
4	1					,	. 40 8	g es	of the second	
5 6	1	1	e - (7	~	9, " 4	1.5 4	p 2,7
7 8	25E2	7	e (7.				< *
9	<i>""</i>	1	· • (
10	1.	; ;								
12	-9					,		•	7	2 4
1 2	<i>f</i>					, , , , , ,	.2		70.0	1
3 4	7	1						4		· 4
5	•) ⁾	7	u (* y *	Fin	* 0		
6 7	á.	. 5							-	
8	5	1	or gr							
9	1	1								
11 12	5	1	07 (G				72	et.	5 6	73
Cours		Dist.	Intt. Eat.	Dep. La	t. by D.	R. Lat. by				Long by Ob.
C 2	2 / 1	6°	19.2	11 5	2)	6 50 1	é- 9	2 6. 18	10/06	P
								1		

(\$1.0	· · · · · · · · · · · · · · · · · · ·		from	÷ A:	towards dienda sa.
H.	K.	н.к.	Courses.	Winds.	L.W.	Remarks or Stone of total by 1818.
1 2 3 4 5 6 7 8 9 10 11 12	66666			: 34		the second of th
1 2 3 4 5 6 7 8 9 10 11 12 Course		Dist.	Diff. Lat.	1 1		D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
H.	,		Courses.	Winds.	L. W	Remarks in Proceeding Cal 20. 1816
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 8 9	多多年在中中中中一种中的人的中国		· Cart			
9 10 11 12 Course	4444	Dist 105"	Diff. Lat.	Dep. L:		D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.

ľ	1/4	W.	· J	from	distri cowards Canton
H.	K.	н.к.	Courses.	Winds	N. Remarks on Andrews of 21. 18/8
1 2 3 4 5 6 7	307300	1	Fine		Morerate brees and fare
8 9 10 11 12 1 2	3 2 3	1 1			Can Mone le mé distense
3 4 5 6 7 8		1	16 %	e er yes	
10 11 12 Course	6. [at. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob
н.		,			
1 2 3 4			Zi i		L.W. Remarks of policing color 22 /1/3
5 6 7 8 9			, , , , , , , , , , , , , , , , , , ,		
10 11 12 1 2	Li.	,	4		
3 4 5 6 7	A	1	, , , V . (t		1 1 2 Chil 2 cm 1 /2 the the trees
 8 9 10 11 12	, ,				and the state of t
 Course	-		Diff. Lat.		eat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob

1	1/11	il est		from	26	i t J. p		towards	8 (1716	21
Н.	К.	н.к. ('о	urses.	Winds.	L.W.	Remarks	7,	A feet in	1-13	131	×/3 -
1 2 3 4	1			ę, J		,		<i>*</i>	7000	1.10	
5 6 7 8 9	4		<i>(</i> -			21 A.	P	¥	. 4	.* .*·	. ,
10 11 12 1 2		1 , 1				e e		{ :			
3 4 5 6 7	1 5		,				o 'A		· a	, ع گبر	Co:
8 9 10 11	14:4 + 14						(<i>a</i>	:		ć.
Louise H.	# 1 1 1 1 1 1 1 1 1	4 3		75 3	100%	R. Lat. by	Ob. Vai	ria. Diff. Lo	ong. Long	g. in Lor	ng. by Ob.
1 2 3 4	5	1	· · · · · · · · · · · · · · · · · ·	7			· · · · ·	·	B		
5 6 7 8 9	6 6	1 50		11 .//	<.	* * * *		2000		,	0. 6.20
10 11 12 1	16		for t	1 1		to so i	1				
2 3 4 5 6	0 3 5 5			, ,			· e f	'ed'		1 n ĝer	
7 8 9 10	5					á (·		The see of	1 .	1 20 8	
11 12 Coms	-	Dist Dist		The state of the last of the l		Bel 1	Ob. Va	ria. Diff. L	ong. Lon	g. in Lo	ng, by Ob.

		i d	from	i see cowards (2.1.
H.	К.	H.K. Courses	. Winds	L. W. Remarks on the Francisco 1875
1			-	
2 3	ú .			
4				
5	5	1.20	(·	
6				
7				
8	É		1-1	
10	1			
11 12	6			
1	E	7.2	· ¥	
2				
3				
4 5	3		,	
6	-	~		
7	- L			
8				.fi
9	,			
11	,1			
12				
Cours	e. 1	Dist. Diff. Lat.	1	at. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
1 8	6	6.	15 0	1 1 1 1 23 1 1 23 1
H.	1			
11.	K.	H.K. Courses.	Winds.	L. w. Remarks . horace, as Sis. 318
	K.			2
1 2		H.K. Courses.	Winds.	7. 7. 7
1 2 3				2
1 2 3 4				7. 7. 7
1 2 3			,	
1 2 3 4 5 6 7			,	
1 2 3 4 5 6 7 8	6		,	
1 2 3 4 5 6 7			,	
1 2 3 4 5 6 7 8 9 10		2,	,	
1 2 3 4 5 6 7 8 9 10 11 12	6.	2,	,	
1 2 3 4 5 6 7 8 9 10 11 12 1		2,	,	
1 2 3 4 5 6 7 8 9 10 11 12	6.		,	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4		2,	,	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5			,	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6			,	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5			,	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9			,	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10			,	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11			,	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10				
1 2 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12			Dep. La	

-	řé		10%	from		towards Éconologie
Н.	K.	н.к.	Courses.		-	Remarks 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 2 3 4 5	1.	£		. (** E		
6 7 8 9	3	d d	. e			
10 11 12 1 2	3 7.1	1				
3 .4 .5 6	10					
7 8 9 10	6	1				
11	6	1	1. 624			ie in the the
Course)ist.	Diff Lat.			D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
· · · · · · · · · · · · · · · · · · ·		by "	33	10%		1 - 26- 1 1/60 -3/
H.	K.	H.K.		Winds.	L. W.	v. Remarks and Andres fur the 18 181
1 2 3 4	6	1	a, e 1,			production and the second
5 6 7 8	6					the and it is the second
9 10 11 12	5	1	7			monto Bajo de un un diasto do Se
1 2 3 4	6	1	; / ·			
5 6 7 8	62	1				
9 10 11 12	532	8 9	W. Car			water do 19 miles 605 of
Course	-		Diff. Lat.			D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.

		1 . 9	i e l	from	in it is towards ()
H.	1	н.к.	1	Winds	I. w. Remarks a
1	."			6.4	7
2	الأن		* * *		
4	()		•		0 j
5 6	5	1			
7	,	1			
8 9	5		\$ '		
10	5				and the same of th
12	5				,
1 2	4	J.C			inse to the characters
3	gr.	1			10 30 W
4 5	. ,	1			
6	1/2	1			
7 8	(+	1			
9	, D		6		
10	2)				
12 Course	1	Dist.	Diff. Lat.	Den II	at. by D. R. Lat. by Ob. Varia- Diff. Long. Long. in Long. by Ob
Course		bist.	/ i .		
	1		=====		
H. ——	K.		Courses.	Winds.	L.W. Remarks
1 2	60	1		4	1
3	0		Aug XerVi		
4 5	0				
6 7	0	1			
8	()	ŕ			
9	8		4 1		and the second of the second o
11	8				1. 100 0 a B .
12	8		1511		é.
2	5				
3 4	8	1			
5	1 100	1			
6 7	8	1			
8	E.				
9	888	J.			in in the ac
11		, A			
12 Cours	5 c.	Dist.	Diff. Lat.	Dep. L	at, by D. R. Lat, by Ob. Varia. Diff. Long. Long. in Long by Ol
	1.	5	1	i	11 11 11 11 11 11 11 11 11 11 11 11 11
			1 2 1		

i	Pis.	11	126	from	-4	ed 222 towards (26 24
Н.	K.	н.к.	Courses.	Winds.	L.W.	Remarks 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1			. 12118	- 2		ners the some means to he he
2 3	*	1				in the serve and was a to the sail
4	64					
5	4	1				The second of the second was
7	10.	1				· · · · · · · · · · · · · · · · · · ·
8	e e					the tree to a little the
9	1	1				to by a for the second of the second
11	W)					
12	- 9				, k	4
1 2	1,					•
3					1	and the second of the second o
4	7		•			y suite a son is the
5 6	5	1			٥	
7	5	,				
8	3	1				
9 10	8	2				
11	,	j				
12	8	/				as it is
Course		Dist.				R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
1.5	1	36.4	is I'm	1. 1 1	of signil	100000000000000000000000000000000000000
No.						
Н.	K		Courses.	1		Remarks and I want to the State of Stat
1	<u> </u>	H.K.		Winds.	L. W.	Remarks and In the state of the
	> >	н.к.	Courses.	Winds.	L. W.	
1 2 3 4	> 3	H.K.	Courses.	Winds.	L. W.	Remarks on the day sont in the
1 2 3 4 5	> >	H.K.	Courses.	Winds.	L. W.	Remarks on for the second seco
1 2 3 4	> 3	H.K.	Courses.	Winds.	L. W.	Remarks and Indian to the State Stat
1 2 3 4 5 6 7 8)))))	н.к.	Courses.	Winds.	L. W.	Remarks and for the state of th
1 2 3 4 5 6 7)))))	н.к.	Courses.	Winds.	L. W.	Remarks and for the state of th
1 2 3 4 5 6 7 8 9	****	н.к.	Courses.	Winds.	L. W.	Remarks on for the second seco
1 2 3 4 5 6 7 8 9 10 11	****	H.K.	Courses	Winds.	L. W.	Remarks on the state of the sta
1 2 3 4 5 6 7 8 9	****	H.K.	Courses.	Winds.	L. W.	Remarks and for the state of th
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3	****	H.K.	Courses	Winds.	L. W.	Remarks on the state of the sta
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4	****	H.K.	Courses	Winds.	L. W.	Remarks on the service of the servic
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6	****	H.K.	Courses	Winds.	L. W.	Remarks on the stage of the sta
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7	****	H.K.	Courses	Winds.	L. W.	Remarks on the service of the servic
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H.K.	Courses	Winds.	L. W.	Remarks on the stage of the sta
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7	シャラングラックラングラング	H.K.	Courses	Winds.	L. W.	Remarks on the service of the servic
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16 10 11 11 11 11 11 11 11 11 11 11 11 11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H.K.	Courses	Winds.	L. W.	Remarks on the state of the sta
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 1 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	H.K.	Courses.	Winds.	L.W.	Remarks on the state of the sta
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12	1	H.K.	Courses.	Winds.	L. W.	Remarks on the state of the sta

1	16	im		from	Æ	i de sold	towar ds	(6 2	60 23
Н.	К.	н.к.	Courses.	Winds	L. W.	Remarks 2	elé	· · · · · · · ·	1818
1	04	.1	,			/.			
2 3		,						r r	0 1
4 5	ď					6			
6		."							
7 8		1	ų.			3 1 1 1 n	Ú		1.2
9	5					r	W A	l d	
10	3		•			<i>\$</i>			
12	3								
1	3								
2 3	8					i j	0 /2		,
4	<br . }							1	
5 6	9								,
7	4		1			1 1 1 1 1		2.	
8 9			1000				f t a		
10	n.	1	,			, (1-1-1	1.	. ′ ″
11	(a					tains the	•	والأحكول	i
Course	c. 1 1	Dist.	Diff. Lat 1	Den I La	t. by D. R	R. Lat. by Ob. 1	Varia, Diff. L		
1						11/2001			
===							1	1	
H.	K.	H.K.	Courses.	Winds.	L. W.	Remarks .	1. 2. 1. 28 1.	¥1. A .	(5,1)
1 2	2		i, i			1 . 1 6 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1	: ::Sw-	27 /	· · · · · .
3	<i>2</i> 1	<i>,</i> , , , , , , , , , , , , , , , , , ,		A		14 1 9		11	
4		,	: 2				ē,		₹
5	.2					Miner	1.4	e. H. F. H.	**
7	10		,						
8 9	,		7					100	
10	6-1		P		1	116 4 16	18 300	1 . F	i eris
11 12	6-		∀ .						
1	· a								*
2	t the						7		
3 4	(B)			ىد		(10 0 10 1	* *	21. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	and the transfer
5	11	1	a E	. 5					
6 7	2						1		
8	a	1				;	. +		20.5 2.
9	D	1							
10	; 2)								
12	6 pay				1	24	till to	23	italo to
Course		Jist.	Diff. Lat.			R. Lat. by Ob.			
1	1. 1	2.7	131		× 8 **	8 10		1 2 g	

-

	111	, 66.	(e)	from		towards (118 to 18
Н.	К.	:			1	Remarks on had to the
1 2 3 4 5 6 7 8 9 10			, · · · · · · · · · · · · · · · · · · ·	t vi		nise by the end of the second
11 12 1 2 3 4 5 6 7 8	5					Constitute of the second
9 -10 11 19 Course	5 1 1			id s	g	D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
H. 2 3 4	K.	H.K.	Courses.			Remarks on The As The Second S
5 6 7 8 9 10	6.500	11				hold bigh
11 12 1 2 3 4 5 6	6					ngilitate ja santi til santi s
8 9 10 11 12 Cours	5 5 5 e 1		i Doff. Lat.	Dep. L	at. by I	D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.

	G.	///		from	towards (
Н.	К.	н.к.	Courses.	Winds	Remarks
1 2 3 4 5 6 7 8	£ 3				
9 10 11 12 1 2 3 4				re*	
5 6 7 8 9 10	e				
Course	. I	Dist.	Diff. Lat.	Dep. Lat	at. by D. R. Lat. by Ob. Varia- Diff. Long. Long. in Long. by Ob
	4	· di	1 2		8 20 18 20 18 20 180
Н.	K.	н.к.	Courses.	Winds.	L. W. Remarks Remarks
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2					tuating tries on a francis of and self
Course.	. 11)ist.	Diff. Lat. [1	at. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
	1	*	, , ,		134 95 200 1 3 2553 22013

7	11:	i La	108	from	.59	in in IPF towards & C. 20 20 20 2
Н.	K.	H.K.	Courses.	Winds.	L.W.	Remarks me thered you bed stole
1 2	5	1	1 6 g	. 4	2 :	function of the wash by the
3 4	1	,			2	and the second of the second o
5	1	1			P	11 0 3/12 " 20. 20 20
6 7	ja p	1	100 2 0	j.	9	· 2 1. F
8 9	I,				,	of ight time in the stand on
10	14					The second of the second
11 12	10					Milan n + const / see
1 2	* p-	,				
3	1	1				A transfer of the first of
4 5	e a	1				
6 7	7	1				
8	. 5					1222 C
9 10	8. ² 2		1.1000			52.57.C
11	2 -	1			200	i too be disting of of or
12 Course		Dist.	Diff Lat.	Dep. La	t. by D	. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
121	19/1	18"	8 1'	1	100	1 31318 1 1,00 24:39
Н.	К.	H.K.	Courses.	Winds.	L. W.	Remarks of the way for the
1	-		2 0 1 €	- 1'		Commence Hong Briege vo
2 3	# 2	1				o'a same l'arthur
4	4	1	6 . 6	C	,	
5 6	-jl.	R	8 8 7 . 6		٠,	Minate Lasty to 10 181
7 8	7		1 (d	`		set the margen seguest.
9	4		et 6 · 5			
10	4					deather interfer no enge
12	Le Pa					Manden With I need to di.
2	2					
3 4	2	1				per med and some some
5 6	3	1			2	in a ream tier of a office for ans
7	,				, -	news for de un de galas
8 9	En .	1				heret l'haptin Asest
10	my				P	
11	1					the the to the to Siste.
12	1					
Course			Diff. Lat.			R Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.

W.	100	6600	2 %	from	towards () 22 12 74.
н.	К.	н.к.	Courses.	Winds	L. W. Remarks on Freshway Son 410.1818
1 2	Jag J	,	fl at	1 8 18 A	here the hard Commence Fies
3 4	60	1			11 1 DM sent illaren whigen lop
5	1	1			jallant jaid lit a took in the
7	1	1			set As a mainsuit.
8 9	1	,			ett it. 30 PM Con exty with
10	6	1		·	menery rain of the fit of
12	6				it is at the man said
2	8				next a en der was L'atte to
3 4	8				Angege and Tring with
5	8	/			heave today i dia
7	7	1			deer haring Cahan
8 9	7	1			dinner to the fire alle
10	8	1			1010180 60 1
12 Cours	5	Dist.	Diff. Lat. 1	Den. La	at. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
7 5					34°51'8 none 12 w 2°53 2028
Н.	K.	и.к.	Courses.	IV inds.	. L.w. Remarks on Wednesday Noda 11 1818
1	A.T	1	a ast	\$ 0	These 24 begins With plesh
2 3	7	1		`	Direge and Prince
4 5	176	1			of the let the file of May sail
6	0			(G. 80	
8	3				said & Shanker at 6 PM
10	3				at 7:30 let - the Preeks out of
11 12	3	1			the main top sail. all 12
1	4,	1			the book of shingen this said
3	4	1			top of the free and mase
5	29	1			consider the spainting, and set
6 7	5	8			Sta deline y dails ill 5 of ill
8 9	5				Medding in a lotter froit
10	67				he main in and mast indigat
11 12	0				of the social
Cour	, 1	Dist.	Dul. Lat.	1	Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
-	- -	200	1.3	199 .	36°04 3600 36 20 20 18 1820

(Min	las		from	In	lemi	tor	var ds	Can	lon.
Н.	K.	н.к.	Courses.	Winds	7. W.	Remarks	on the	turd	ny e Vi	reti 14.1818
1 9	7	1	FEI E	c & Med.		This	24 91	our's	line the	ricego and
3	7	1				111 5	PM la	rok in	the a	nain top
5	8	1				mast .	Meerin	g sand	· ik se	the stay
6 7	17	1				it 10	rolella	sent le	1011	he gove ,
8	17	1				sail	mast.	and g	the fo	
10	8					11/11-	45 fra	ced 11	e Yar	ds
11 12	8	1				This o	day saw	a gre	of chi	m ber of
1 2	8	1				(1guas	he vir	do . it	or frons	s Sec
3	8	1				Com	empt.	ogid.	maki	ng hope
5	8					(Onde	Jine	Bice	3. X/	sleasant
6 7	8						Ilra	The	" Clar	
8 9	8	1) /		1	
10	8	,				. ~	inne	i to.	Lary &	hill dish
11 12	8	1					Latin	hide !	y Chs	3936F
Cours		Dist.	Diff Lat.			R. Lat. by		Diff. Lon	, ,	1
	(16/			11/0	4	0 090	1.1.18	1 /41	1000	* -
H.	K.	H.K.	Courses.	Winds.	L. W.					15.1818
1 2	9		888	NWes		1.	Brock		/ /	24 Hours
5 4	190		•			n'eat.	her?			
5 6	999999877					Mida	the Col	loudy	at	5 ot M took
7	9					at 8	AM is	n all	steer	the sails
8 9	198					land!				Harboard
10	17					at 11	Acsi.	a tre	eze fo	om The
12	5					686	ast ci			
2	45	/								d so ends
3 4	3	1				Gunde	ry mr	tha.	sea fr	to for
5 6	3	/				-171	() inns		-	
7 8	2	/				This &	Day A	Med.	a þig.	
9	0	Cal	on East	ESE.						
10	4		· Cast					*		
12 Cours	5	Dist.	Ditt. Lat.	Dep. 1 La	l. by D	. R. Lat. by	Ob. Varia.	Luiff Lo	ne i I one	in Long by Ob.
1.0	081.			1		-8 C. Von	10/	1	3'8 2°3	
						75		1		

· ·	os	Mia	la	1	from	0	Palem towards Canton
	Н.	К.			Winds.	L.W.	Remarks on Monday Nort 16.1818
T-CO-COLORS OF THE PERSON NAMED IN	1 2	5	/	SFE-			These 24 Hours Rainy at 12'30
September 1800	3 4	5					tacked ship all 4 PM sent down
l	5	54		Shy &		/2	gallant sails at 6 Double reofd
I	7 8	4	1	SSE1.6		1	main sail lib & Shanker and
Ì	9	4	/	•			set the Main staysail, at 10 PM
	10	2		SEast	· ·	1/2	sails at 4 of M squared the yard
ı	12 1	34		ES East	_		parted Clued Ech & bent it anew At 5 ot M set the fore and Slige
I	2 3	5	1				to it in the weather
l	4 5	6	/	Ely J.		0	moderated We set the shanker of top gallant staysail at 10.30
I	6	8	1				Shook the Reefs out of the top son
	8	8					Best Sinner and a small
	9	7				, ,	allowance of Grage
ı	11	8	/				
İ	Course		ist.	1	1 1		D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
	16/	78/1/	Z'	443	103 4	04	2's Non 1 2'14'8 25'W
	H.	K.	H.K.		Winds.	L.W.	Remarks on Shuesday North 17. 1818
ı	2	9		Elejs	c & Elyc		This Layso west me
١	3 4	9					Could not attend to making
	5 6	2		•			any Remark's but
	7 8	14					these that it Rain's
	9	6	1				
	11	5	1.				This Day Killed a goot
	1 2	2	/				Tinner to Day Pork & Beans
	3			Calm			
	4 5	2		1 Scart	>	/2	
	6 7	23	1	8646	6	1/2	
	8 9	46		E le Soci	K		
	10 11	8	1				
	12	8	1				
	Com	0 1 1	lice	(1)itF Las	1 Den II	ar bo	i) R [Lat. by Ob. [Varia, 1 Diff. Long, I Long, by Ob. II
	A8	18 1	36	Diff. Lat.			343 None 1/26 3008 2°356

estidas from Salern wounds Canton
H. K. H.K. Courses. Winds I. w. Remarks on Mednesday North 78. 18)8
1 9 Chy of ON Black These 24 Hours begins Rainy
3 9 at 1 PSI furted the main hogal
" I have the same of
I buble tootal top sails at 5°30 PM
8 8 1 Squared the Gards at 6 Post all hands thook the Reers out
10 9 Sails with the lastoniel five
12 9 lower station grails (1) 130
of M sent aloft the fore & main
3 9 The sails of of the sail
down the orthe
5 8 1 Short fa new onel Grow employed in various for
8 7 / Ends with line weather Land
10 7 Dinner from a part of the good
11 7 Latitude 8 bro 39.58.1
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia- Diff. Long. Long. in Long. by Oo
N848 2021 2018 201 40°14:1 39°5 881/2 10 4°228 6°578
H. K. H.K. Courses. Winds. L.W. Remarks on Thursday Social 19181
1 7 Chys, is chisti First Part of these 24 Hours
1 / Steasant Weather at 6 Post filed Ship at 11 PM braced
5 7 1 The yards Whe Shark & Kigger
6 7 1 in the Lie shedding sait from
8 6 West at 5 of old took in the
10 6 1 Latter Part to loude with
11 7 Vanalis Vanalis , 2
1 2 /2 / Large Sumber or Bis or were
3 8 Seen isis Day
4 8 1 South & Fear
8 8 /
9 8 10 9
11 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Lift. Long. Long. in Long by Ob.
No03 1851 22 182 39248 3924 21 3'546 10316

Oslidas from Salemi towards Carilon
H. K. H.K. Courses. Winds. L.W. Remarks on Friday & Voice-20 1818
1 8 1 ESE Phirst Part of these 24 Hours
3 7 1 Eby 8 Doubly with light Rain at
5 7 1 Elysh love and ostigen lof Gallant one & Close Roeld the main
9 7 1 Clyde one & Close Roofd the Stranker 1 11 5 sent down the main Royal und and mast it 6 PM dingle
10 7 / 6.58 Reord the top suits (Il & shook
1 7 1 1646 1 All & Post set the main top
3 6 Jose and migen top gallant sail
5 5 1 16/16:6 The logisails al 9 30 hauted in
Totalden Sails & sent about the
9 6 1 Seby & masts a set the sails dat 10 set the fore lop must & pore lop gallan.
19 /y Linner Salt Beef Latitude 39'02 (
Course Dist. Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. (1876 164' 9:8' 163 39-15' 39'02' 25' 30' 30' 14'21
H. K. H.K. Courses. Winds. L.W. Remarks on Saturday Novit 21 1818
1 7 Sely & WSW Wast of these 24 Hours fine treeze and ileasant Weather all 2 Post Gaught a pine hor ficise which arrorded
4 by us'a megs set all hands all 6 30 squares the ejords first the laitourd main
tool gallant studding sails hauted whithe main sail The hauted down
9 6 main toh mast studding sais & lowered the shanker (it 12 midnight purited
10 6 11 5 1 Frettled down the migen top sail
12 5 top mast & main top gallant stud ding sails let 8 of Met the larboard main top main lop sallan
3 7 1 Studding sail at 11 took in the top gallant studding sails
6 8 Branze
10 9 9 Cinner to Long Gorpoise
10 9
Latitude Strong 39°21 South Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
1846 175 191 174 39211 39215 24 3.446 18.056

C.	Mic	1a	1	from	Hi	lem	towards	can	1011
Н.	K.	н.к.	Courses.	Winds	r.w.	Remarks on	Frenday	1 chaire	22:1818
1 2	8	1	SELE	estell			Hours Go	/	
3	8	1,				Bicege a	nd release	ne reasin	oand
5	8	1				the When	roiting	heavy ar	the Poll
6 7	8	1				set lap he	ast should	ing sails	Je sont
8	8					and rain	in studde	no sails	telese
9	8	/		Wasto		Sail all %	lop sail	he heavy	Jea alem
11	9	1					at 10.30		
1	9	1		1		This ted to	of the lo	h sail &	wind all
2 3	9	/				mast still	dding sa	il. at 11	30 Jet the
4	9					Sail Shan	her Sign	in x top	gallami
5 6	9					C) ./	,	yards
7 8	2					a Hon	sea'a goi	. / .	12
9	9					1 1 1 1 1	- hohoa to		
10	9	/				1	inner	1	
12	17	/	The Market					2/	
F81		22'	- 2. 21	42 1 2	954	R. Lat. by Ob.	Varia. Diff. Long	g. Long. in 20 9 9 3 9	Long. by Ob
								6 22 32	
H.	K.	-	7		L.W.	Remarks on			
1 2	7	1	1ElyE	e Sti		Commences	with fies	h Bruzes	& Cloudy
3	,	1				mast steer	ing wils	sail Vin	With tore
5	8	1				to be outlon	nt sail !	it 2 of c W	Louis alles
6 7	9					King &	nilken lop	gallan	11.26666
8	9				ſ	1 5 tos	1 unt alo	it the n	vain irey
10	y				1	iguared the	1. 110:01.	L'sel man	neopol
11 12	7,	1				sails let 7	ctoff the	heel lass	lung of
1	5					harted the	ic boom is	wh in ar	ed mitemate
2 3	8	1				down the	boom off	aired a	amages
4	8					ding Ul	10 Caugh	ta fine	for hois
5 6	7					Ends Le		10 1	
7 8	7						crate by		*
9	6	1				(116	-2/	
10	6	1				_ ln	ner lo z	ay m	neo meat
12	0	1					alitude Co.		12
Course		ist.	Ditt. Lat. [Dep. Lat.	by D.	R. Lat. by Ob.	Varia. Diff. Lor	ng. Long. in	Long. by Ob.
1 04	6/1	/	190	0.0 /4	0 7.	39.5/1	Lan It Co	36 2655	26°336

Midas	from Sal		7	1000
				parton.
H. K. H.K. Courses.		marks on Su	esday	Voc. 24 1818
1 5 / SEGE		ommences fil	ne Brie	bent Courses
3 5 1	to	hsails & tole	gallar	et sails anew
5 4 1	a	t 3 fibed ship	sails l	ook in Lee
6 5 /	m		ast ste	edding sais
8 7 1	ar	t by higged in	Lee bo	oms at 8in
9 9 10		oh in the	ing tan	Is at 1000st attant sails
11 /0	an	d staysails	atoli	midnight
1 10	20	nded the muble Reefal	tore mar	n and morgen
2 10 1	(C -)	h sails & a	-70	
491	10	+ NI Let 10	Reex Jou	in top galla
5 9		ils Ends		Diese &
7 10		ine Weath	War of the state o	
8 10 9 10		yew emp	lay's	Repairing
10 10 1	10	1 Dinner	Thou a	1 Postpoise
12 9 1		Latitud	he Obras	40°23 South
Sele 200' 32'.f	Dep. Lat. by D. R.	Lat. by Ob. Varia.		Long. in Long. by Ob.
0016 200 323	90	40 231 2/4	4106	3/13 Cast
H. K. H.K. Courses.	Winds. L.W. Ro	emarks on Wea	lnesday	Nov 25 1818
1 9 rf ElyEx	Waster 6	commences W	ith Stre	ong breezes
3 8 1		nd clear We		rodebate set
4 8 7	th	ain chil and e main Roye	al mast	and yards
6 6 /	ar	d top galla	Rand Stud	ital board for
8 6	an	ed main toh	, wast	PM squared
9 5 /	th	e y stids set	the Las	rodrd main
11 5	(ii			at sent a lof
12 5	Se	e fore Proya	Land	mizeh top
2 7		Mant Sail		refails at V
4 7	9.	allant stud	ding or	lilo_
6 9 1		and with	fine e	Veather
7 8 1		//	,	of on the last
9 8		Lyrog .	slopt i	To Daye
10 8			1	Pudding & Brog
12 7 1		Latitu	de Oviv	1010 South
Course Dist Diff. Lat.	Dep. Lat. by D. R.	Lat. by Ob. Varia.	Ditf. Long. 3°1.3'	Long. in Long. by Ob.
CN868 1711 1368	1/1 40.10.	140 1011 2 1416	7740	A STATE OF THE STA

ch	lie	ler	1	from	So	ulem	torvar ds	Can	in
н.	К.	н.к.		1		Remarks o	n Thurs	Vay a Koin	-26.181
18	8		JEby Eh	crosto	1	Print	Part or the	se 24 H	ours fine
	8		G (es.				and polea.		
4	7	1					W. rigged in		
5 6	8	/				Royals	milat 8	Squally	dant
7	9						of sails a		
8 9	9	/	1 ChyE				gallant.		
10 7	9	/					Me square		
12	9	1				studding	grail at	11.30 %	bed ship
1	9					Circu e	mployd	maker	ig new
2 3	9	/		100000	Þ	main	tivilses :	Shunif	sin be
4	8	1,				8 1	120	1-11	
-	6	1				Chas	Plea san	T WEG	ther
	6					and ,	Milly I	Dreez	e c
	6					With 5	Pork & Le	as for 2	Thanks
	6					guring :	Minner		en e
12	6					1 de	alitude Od	1,00 1,00	11 South
Course.	D	ist.	Diff Lat.				Varia. Diff. Lon	1	Long. by Ob
1846	3/9		1.5	191 4	011	8 40 /10	1/1/1 409	9 3905	
Н.	K.	н.к.	Courses.	Winds.	L.W.	Remarks or	1 Friday	choist 2	Vti 1818-
1	8		of 664 8	Weste		Phiese 2	4 Hours to	Conserve me	s & lesh
2 3	8		SE byEh			Breeze	and Hazy	Weather	
4	9					all I F	Wil Brased	daysar	is.
6	9	1					o Pest squ		
7	8					set the	main tole .	mast and	h toh
9	8				3		Octob bra		took in
10	8						ding sails.	/	
12	8		. 61 (all stud	dina de	ile.
1 2	8	1	: Jely &			1	•		
3	7			615		mendina	nh louid froid for	graining	rigging
	6			fleet		6-10			
6	6	1				/-1	ight Bre	eze and	harry
	6	/		Sofile		Weath.	× .	. ,	
9 2	5		816			6	i to Lay.	man a mariel	
	5	1				CX JONE VIL	" wa Ling"	mined m	ear.
12	6	1		1			Latitude Co		*
	7	-							
Course.		ist.	Diff. Lat.				Varia. Diff. Lo		Long by Ob.

Midas	from (Salem towards Canton.
Н. К. н.к. Сои	erses. Winds. L.v	w. Remarks on Saturday Nove 28th 1818,
1 7 86	ly & Stily 8	These 24 Hours Commence mode
3 8		rate breeze and Hazy Weather
5 8	1.1	at y Post sow a whate and a
6 8 7 8	in	Thrasher
8 8	0	At Got M hawled in the Weather bace's and sot the main top mast
10 8	12	At I handed down the stay sails
12 7	J.	at 7.30 set lasboard main tothe
1 8 2 8	12	mast and main lot gallant
3 8 8	Girl .	at & Discovered a sail under the
5 7 6	2	Thee bow standing south
7 6	The state of the s	shath who set staywaith sec.
9 6	le sa	Ends with light Plains moderate
10 5	En fill	Dinner to Lay salt Fish con
12 4	(+)	Jatetude Cles 40°04 Fouth
1896 176' 2	176 400	04840043214 30508 46268
Н. К. н.к. Соц	irses. Winds. L.	w. Remarks on Chunday Novb 29. 1818_
1 3 80	VE SE	The 91 Hour Commence with
2 3 3 2 / N	26	light and variable ninds
4 2 5 1 6 1		at 2 AM hauled in the wea
6 / 1 / 180		the lines and set fore lope
8 2 69	16	mast & fore and main top
10 6 /		Ends with fine Breeze and
11 7 1 06	by E crifé	
12 7		heasant Weather
12 8		pheasant Weather -
" "		This Lay Ends eleven weeks
12 8 2 8 3 8 / 4 8 / 5 8		This Lay Ends eleven weeks and the Listance sun by
12 / 8 2 8 3 8 / 4 8 /		This Lay Ends eleven weeks
12 8 2 8 3 8 / 4 8 / 5 8		This Lay Ends eleven weeks and the Listance run by Log is 9748 Miles
12		This Lay Ends eleven weeks and the Listance run by Log is 9748 Miles Commendation Dinner to Day Indian Rudde
12		This Lay Ends eleven weeks and the Listance van by Log is 9748 Miles Commendation Dinner to Day Indian Redding Latertude Obje 40'10' South Latertude Obje 40'10' South L
12	. Lat. Dep. Lat. b	This Lay Ends eleven weeks and the Listance run by Log is 9748 Miles Commendation Dinner to Day Indian Rudde

C	Sh	ila	1.5	from (Alimi coware	ds canton
h.	К.	н.к.	Courses.	Winds	Remarks on Won	day Nov - 31. 1818.
1 2 3 4 5	10 10 10 10	///	16196	os by &	West Breezes a Al 2 Post look of the Salland and make studding so	rily Royals. al
6 7 8 9 10	10 10 9900	/ //	of East	Chaith.	Record, and furt Al & Double K. heavy sea running	erfel lop suits, le
12 1 2 3 4	100000	1			The lobesails and gallant sail, a grant down roy and failed the sail and spank	heavy inin al al yards and mass when lop gallant er. at Win fib.
5 6 7 8 9	000000	1	J Gry 6		Greguent so,	
11 12 Course	99) ist. 3/	Sead Diff Lat. 1	Dep. Lat. 225 /41	and Totatoe	Long. I Long. in Long. by Ob
н.	K.	н.к.	Courses.	Winds.	. Remarks on Tuesa	lay Derbi 11 1818.
1 2 3 4 5 6 7 8	000000000000000000000000000000000000000		PEast PEby E CIPE	NW bysis	Squally weather, A 2 post set; gallant sail, an mizen staysail. I squalls, In lop I the yards in st fit, CH 12 mia	6:30 set spanker, Lite Al 10 heavy pallant sails, soglia migen staysatile might fulled the
9 10 11 12 1 2 3 4	99991 888	1111			main top gallan in the fore top of the forest the long the bound of the bounding	A State fore and I sail. At 3:30 too gallant sail. At Breefs out of the sail. Breefs out of the sails. Breeze and pleas
5 6 7 8 9 10	8 8 7 7 7 8				1	Day Pork & Bound
12 Course	S . 1 1)ist.	Dift. Lat.	Dep. Lat.		Long. Long. in Long. by Ob.
018/	48/19	99"	2160		0:5 1,0°59: 23/14 1°	22'E 59'05'E

Midd.1 from C	Willim towards Edinleri
	Remarks on Hedrosday Doch 2'1818
1 7 / ESE 16:510.	Commences with fresh Breeze and sine Weather Ut I Dost the Pack Brook
3 5	on the min tot most sinditing herd
4 5 Ely 1	boom shift stucked the took when the
6 5 /	the Mohsuit sont down the Stidding sund
7 6 /	of it and sout it down in the top topaire the sail and bent it. It hast the lower
99	studding sail let 1:30 the pore top many
10 9 /	longated lock in the studding sails rigged
12 10 1 6018.	charged the on the larboard lack & set the
29/	gote lof galland sail fit & Shanker and
3 4 9	sail Ut go 30 Por look in the main loh
5 9 1	wast studding sail & set the mozen stay sail, at 11 JPM furled the sthy sails,
7/0	mast thedding sail, Ul. 5 30 of ost fuit
8 / 0	me muzon loft gallant Sail
9 /0	Onds Ir leasant Weather Lot one
11 10 669	Latitude Cor 40026 South
Course Dist. Diff Lat. Dep. Lat. by	D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
STOC 203' 35' 200 40'2	2418 40°26 24ht 4°256 63°30°
H. K. H.K. Courses. Winds. L.	w. Remarks on Thursday Leet 3 1818.
1 9 / Chyol ON 11c	Commoners with still Breeze and run by weather, at I P. W. Hight Sinns at 100pm
1 9 1 61-90 Westle	squally with heavy from Al II took in the much toh gathant sail and ourled the main sail fal 11:30 the staff to and for top
5 9 688	Lait snew - itt 12 midnight Double
6 8 /	doeld the lote lop sail, Ult Cto V mixed
8 8 /	top gallant Sail Wist the shankor
9 9 1	Wit I wet The main toh mast
11 9	Enderine weather mille
1 9	a stiff Birige
2 8	
4 8	Crew employa knotting aparis
6 9	
7 9	Dinner to Day Porto & Read
9 8 10 8 Elgis	
10 8 Gg"	Latitude Pilia 40°07 South.
12 9 Dist Diff. Lat. Dep. Lat. b	y D R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
	14 1007 34- 4:348 6884

	l. C	111	da	15	from	3/1	illette wowards Canton
	H.	K.	Н.к.	Courses	Winds	j.L. W	Remarks on Friday Lach 14 1818
	1 2	10		Elyes	es l'est		Commences with slift gates and
	3 4	10		6.SE			and main tot gallant sails. Double
	5	10		5/ 6	1		the mixen tob sail & funded the
	8 9	10		Chellas Chys	21160		spanket by stowed the fore and main top mast stayshits at 3a
	10	990			133,5		close rected the fore la reail orom 2 hm
	12	99	/	Gasi.	the S		untill Colost, heavy squalls of hand and rain, with a tromendious sea.
	2	8			1		topsail and one out of mainine
	4 5	8			20.		At 11 set the Muzen lop sail, & main
	6 7	99	1		6/2		Ends ship Gales and
	8 9 10	9			1 de		Linner to Lay Bug and Posatoes
	11 12	8			13%		Latitude Chie 39'04 South
	Сонгы	e. I	Dist.	Diff Lat.	Dep. Lat.	by D.	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ub.
	050	SE 2.	361	5808	219 34	100	4: 39'04 211 4'59'8 73°038
	Н.	K.	н.к.	Courses.	Winds.	L. W.	Remarks on Saturday Dech-13. 1818
	2	8	1	Elys	El hyd	3. Thise	Commences stips Bricege and Soundly
	3 4	999	/		Server Server	nie no	at 2 pm. Close Record the migon top sail. Ut 8,70 atch lordered to leigh a look out extracting to make the Land
	5	999	/		Children of the Control of the Contr	ne on	(Il It handed the migen lot sail.
	7 8	9			Section of the sectio	11/10	MI 12 midnight, is pected we were war the Land, Close seed of the for
	10	8			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. Tillin	and main top said and handed is
	12	8			la l	which	of the main to wait, and set the
	2 3	2	1	Shyll ?	Miller	1	of Umsterdam, Old 1.30 Let the
	4 5	5 7	1,	Elys	Ti ligo V	*,	top said, est gest the bore tob and
	6 7	8	1				Studding sail, At Joseph and model studding sail, At Joseph andterdam
	8	8					M & Saw the Asland of At Pawls which
	10 11	5	/				Latitude Chin 38.32 South
	12	71	/	List Land	Den 11	har 1)	A heavy sea running I allow 8 miles
6	480	6/8	6	3/es	Dep. Lat. 183' 38	8° 3:	8. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob. 3.8 32 2/42 3 54 7702
-							

H. K. H.K. Courses. Winds. L.W. Remarks on Sunday Lock of 1818. 1 7 Cly & Winds. L.W. Remarks on Sunday Lock of 1818. 2 7 Commences still Breege and squally to the fitte son ken at 10°30 PM set the fitte son ken at 10°30 PM set the fitte son the main & fore top mast studding sail. 5 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
at 10°30 PM set the fill & shinker at 10°30 PM set the fill & shinker at 1 otal squally look in the main Socie top mast studding sail.
dudding sail, and main top mast slay sail, and look in the fore top mast shedding sail. Leather Part shift Briege and Discourse of Lathide from yesterday and sland 38°42 for slay sail, and main top mast slay sail. Sail sail shift Briege and sland 38°42 for slay sail. Sail shift Briege and sland 38°42 for slay sail. Sail shift Briege and sland 38°42 for slay sail. Sail shift Same sail shift S
CV826 201' 29'N 201' 38° 03'S 38° 03 2'm 4° 15 82° 51
H. K. H.K. Courses. Winds. L.W. Remarks on o Honday Dechy to 1818.
1 9 Elys North Commences fine Breeze and Cloudy Weather At 11' 50 P. VI took in lop gallunt Said;
5 9 1 Middle diest Breeze and fair Wrather.
8 9 1 With 5 ot of sal top gallant sails.
11 9 1
1 9 1 East. Conds grash Breeze and pleasant Weather.
4 / ()
6 10 Crew comployed on officessary fois.
7 8 9 Chinner to Day Jack (Blow &
10 8 / Bolatocs C/
11 8 / Satisfied Coin 37'/7' South
Course Dist Diff. Lat. Dep Lat. by D. R. Lat. by Ob. Varia. Diff. Long. in Long. by Ob. CV796 224' 44cs 219' 37" 19'1 37" 17'1 12/12 4"38'E 8729' Furt

1 8 1 Course. Winds a. w. Remarks on Duesday Devis 4 1818. 1 8 1 Con Month Commons of the Bringe and brown and brow	0	Mi			from (Ki	lenn	ro.	nvar ds	Ca	m	on.	
and Meather and Meather and Meather fore and Mayor lot Garland Jaill. Al (30 d) St lock in the fore and Mayor lot Garland Jaill. Al (30 d) St lock in the fore and Mayor lot garland for the fore and Meather Strick of Medicing you are to Lay Police Deams of the forest	Н.	K.	н.к.				Remarks	on Tu	esday	Des	ba' 5 11	1818.	
1	1 2	8	/	Easi	North					Bisco	ze a	nd filed	0
Migen loss Gallant Jack. Al Coloniel the loss galland Starts. Check of for Brieze & Clair Walter of Starts. Check of for Brieze & Clair Walter of Starts. Check of for Brieze & Clair Walter of Starts. Consider of Starts of	1	5	1				ant la	cathe	M too	kin	the	for a	ne
ark. Such selfy Brieze Clair Buch selfy Brieze Clair Course Dise Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dise Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. I Long. in Long. by Ob. Course Dise Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. I Long. in Long. by Ob. Course Dise Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. I Long. in Long. by Ob. Course Dise Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. I Long. in Long. by Ob. Course Dise Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. I Long. in Long. by Ob. Course Dise Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. I Long. in Long by Ob. Course Dise Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long by Ob. Course Dise Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long by Ob. Course Dise Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long by Ob. Course Dise. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long by Ob.	4 5	8	/				1 1 - 0	,			L.		
Sails Siege & Class Product of the Briege & Class Production of Comments of Single & Class Production of Comments of Single & Single & Class Production of Comments of Single & Single & Class Production of Comments of Single & Single & Class In Sight & Single	6	8					, /		1/	-7		- /	
Ends estiff Brieze & Clair 10 9 10 9 11 10 10		8	/				Maile			/	·		- 11
11 9 1 18 1 18 1 18 1 18 1 18 1 18 1 18		8	1				Buch		19	13/11	208	L Clo	1
Course Dist Diff Lit Den Lat by D. R. Lat by Ob. Varia Diff. Long. In Long. by Ob. Course Dist Diff Lit Den Lat by D. R. Lat by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff Lit Den Lat by D. R. Lat by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff Lit Den Lat by D. R. Lat by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff Lit Den Lat by D. R. Lat by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff. Lit Den Lat by D. R. Lat by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff. Lit Den Lat Den Lat by D. R. Lat by Ob. Varia Diff. Long. I Long. in Long. by Ob. Course Dist Diff. Lit Den Lat Den Lat by D. R. Lat by Ob. Varia Diff. Long. in Long. by Ob. Course Dist Long. Long. in Long. by Ob. Course Distribution. Course of Long. in Long. by Ob. Course Distribution. Long. Long. in Long. by Ob. Course Distribution. Long. Long. in Long. by Ob. Course Distribute Ob. 35° Octobed. Course by Ob. Course Distribute. Cond. Long. in Long. by Ob. Course Distribute. Long. in Long. by Ob.		9					Y17 P1	7. 4 ff	. S	1/	7) /	1
Tairstion Do (szimuli 15.58- Solution Dist. Dis		9		15/ 10			1000	MILL	1.	(173		
Tairstion Do (szimuli 15.58- Solution Dist. Dis	1	8	/	(bycs			Orew	em	hoy	d D	Know	thing	101
Tailation De azimuth 15.58- Che N		8	/					,			4		A VAN
Time: to Lay Pote Deams Dist. Dist. Dist. Dist. Dep. Lat. by D. R. Lat. by Ob. Varia Dist. Long. Long. in Long. by Ob. Note 199 73 85 30°045 Some Vist. 3526 91218 H. K. H.K. Courses. Winds. L. W. Remarks on Hednesday Zect of 1818 S	4	8		0.1 01			,				:		
Time: to Lay Pote Deams Dist. Dist. Dist. Dist. Dep. Lat. by D. R. Lat. by Ob. Varia Dist. Long. Long. in Long. by Ob. Note 199 73 85 30°045 Some Vist. 3526 91218 H. K. H.K. Courses. Winds. L. W. Remarks on Hednesday Zect of 1818 S	1	8		ERIN			Ya	ration	Der C	ezim	wth 1	5.58	
2 Survey Dist. Dist Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Dist. Long. In Long. in Long. by Ob. Noge 99' 73's 185 30'045 Some 145 3'526 91218 H. K. H. K. Courses. Winds. L. W. Remarks on Hednesday Lect. 9"1818. 1 5 / Elyes 1839' Commences light Ulinds and pleasant nearlies of the love and magnitude gradue and set the love and magnitude gradue for fit. & Brankos. Ut 6 fixed the second fits fit. & Brankos. Ut 6 fixed the second fits fit. & Brankos. Ut 6 fixed the second fits fit. & sold Magnitude gradue and set the sold magnitude gradue and set the sold gradue of the second fits fit. & Brankos. Ut 6 fixed the second fits fit. & Brankos. Ut 6 fixed the second fits fit for macin grayal mast and yeard Reset the second gallant shudden and Booms, and set the saik. Ut 6 set the Shankos. 2 7 / 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1	8											
Course Dist Diff Late Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. 1. Long. in Long. by Ob. Noge 199 73. 185 36°043 None 1153 3526 91°218 H. K. H. K. Courses. Winds. L. W. Remarks on Thednesday Lear 9"1818. 1 5 / Elych 1784 (commences light Allinds and pleasant merther). (If 1'PM squared the yards and set the tore and majinton chast. and lower the life and majinton chast. and lower the life and majinton chast. (If 1'PM pleas again. (It le Remain to fill 2 of N. Land Upor Color the sail.) 10 6 11 6 11 6 11 6 12 6 16 6 7 4 8 16 7 8 16 7 8 17 1 8 8 1 8 8 1	1	S		Elecs"				- , à.	/			3 Barn	
H. K. H.K. Courses. Winds. L. W. Remarks on Thednesday Lect of 1818. 1 5 / Elye V 183 J 2 5 / Elye V 183 J 4 4 4 5 3 / Elye V 183 J 6 3 7 3 J 8 3 / Gige V 183 J 6 1 3 J 7 3 J 8 3 J 8 3 J 9 4 J 10 6 J 1		8					-	Jinnes	10 2	my L	ON UN	· Sun	
H. K. H.K. Courses. Winds. L. W. Remarks on Thednesday Lect of 1818. 1 5 / Elye V 183 J 2 5 / Elye V 183 J 4 4 4 5 3 / Elye V 183 J 6 3 7 3 J 8 3 / Gige V 183 J 6 1 3 J 7 3 J 8 3 J 8 3 J 9 4 J 10 6 J 1	11	8									,		
H. K. H.K. Courses. Winds. L. W. Remarks on Thednesday Lect of 1818. 1 5 / Elye V 183 J 2 5 / Elye V 183 J 4 4 4 5 3 / Elye V 183 J 6 3 7 3 J 8 3 / Gige V 183 J 6 1 3 J 7 3 J 8 3 J 8 3 J 9 4 J 10 6 J 1	Cours	e. I	Dist.	Diff Lat.	Dep. Lat	. by D.	R. Lat. by (Ob. Varia	· Diff. Lo	ng. I L	ong, in l	Long. by C)h
H. K. H.K. Courses. Winds. L.W. Remarks on Hednesday Lect 9"1818. 1 5 Etych 1839 Commences light Winds and pleasant neuther; At 1 M squared the parts and set the lare and major to mast the fit. It thanks. It 6 piece ships. 6 3 Higes Juiled the fore and Mizer lop gallant fit fit. It sent aloft the main royal mast and the fit the main top gallant shudding sail Brooms, and det the sail: It 6 fet the sharks. 10 6 Gallant shudding sail Brooms, and det the sail: It for the sharks. 11 6 Gallant shudding sail Brooms, and det the sail: It for the sharks. 12 6 Gallant shudding sail Brooms, and det the sails: It for the sharks. 13 8 let out both Regs. 14 7 6 6 6 7 7 4 8 let out both Regs. 16 8 let out both Regs. 17 1 6 1 6 1 6 7 7 7 7 7 7 7 7 7 7 7 7 7	16	16/9	99"	-			0.1						
Commences tight Winds and pleasant menthes. At I'M squared the spirits and set the foice and majentor mast. and set the foice and majentor mast. The fit. & Brankos. Ut to piced shirts. At I'M fixed again. At 12 midnight squared the soil and toward the soil and the soil and Mign tok guttant squared the soil and spirit the main royal mast and spirit the main royal mast and spirit the main tok gallant shudding sail Booms, and set the sail. It sold sent aloft the franker. At 8 let out both hops. Conds fine breeze and frictstame for the spirit	Н.	К.	н.к.							1			=
members: Att I Me squared the yards and set the love and magin to a mast, and to yor I studding sails (Ind lover) and set the fire and magin to a mast, and to yor I studding sails (Ind lover) and the fire the fire and Mizer top garlant. (It I) midnight guiled the fore and Mizer top garlant sails (It 2 ot N sont blot the main regal mast and your desert the sail: 10 6 11 6 12 6 13 6 14 7 15 6 16 6 17 4 18 11 1 10 5 11 6 11 6 11 6 11 6 11 6 11 6 11 6 11	1	5	/	Elych'	HPy I		^		1				-
and set the love and major to it wast. and tower's studding sails And towered the fit. It swantes. At to fixed ships. Of 11 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 13 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 13 midnight sails. Of 12 PM fixed again. At 13 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 13 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. At 13 midnight sails. Of 12 PM fixed again. At 13 midnight sails. Of 12 PM fixed again. At 13 midnight sails. Of 12 PM fixed again. At 13 midnight sails. Of 12 PM fixed again. At 13 midnight sails. Of 12 PM fixed again. At 13 midnight sails. Of 12 PM fixed again. At 13 midnight sails. Of 12 PM fixed again. At 12 midnight sails. Of 12 PM fixed again. Of	H	1 . 1	1		0								
the fit. & Isranko: At 6 pied Shih: (It 11'PM fixed again. At 12 midnight guiled the fore and Migen top garlian founds and spire the sail: (It 50 M sent a left the main top gallant shudding sail Booms, and sel the sails: It 6 set the shankor; (It 8 lef out toth nogs. Conds fine breeze and hicasans (Meather: Grew employed maker Rope Se. Course. Dist. Ditt. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long by Ob.	5 4						and sel	the to	rie and	1.ma	into	i mast.	
10 6 11 6 12 6 11 6 12 6 13 6 14 7 15 6 16 6 17 7 18 8 19 9 19 10 10 6 10 6 11 6 11 6 12 6 13 6 14 7 15 6 15 6 16 7 17 9 18 9 18 9 18 9 18 9 18 9 18 9 18 9 18	5		1										
Jails (It 2 ot M. sont blot the main royal mast and yard Stat the sail: 11 6 12 6 12 6 13 6 14 6 16 6 16 7 17 7 18 18 18 18 18 18 18 18 18 18 18 18 18 1	6 7							111.	/			2	7" 11
11 6 Gallant shudding sail Booms, and sol the sails: Il 6 Set the shanker: 2 7 Marker out both Rughs. 6 5 Conds fine treeze and fricasant Rope Se. 10 5 Paper Se. 10 5 Paper Se. Course. Dist. Dott. Lat. Dep. Eat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.	ll in the second		1,		Wigos?								
Jallant sludding sail Booms, and sol the sails: Ul & set the Spanker; The sails: Ul & set the Spanker; At 8 let out both Rogs. Conds sine breeze and breasant Rose Se. Post See and breasant Rose Se. Course. Dist. Ditt. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Liff. Long. Long. in Long by Ob.		46											
1 6 / She sails: Ill 6 set the shanker; 2 7 / A 5 6 6 5 7 4 8 let out both Rings. Conds sine breeze and hicasams Conds sine breeze and hicasams Rose Se. Post Se. Course. Dist. Ditt. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Liff. Long. Long. in Long by Ob.	1						/ A		/		300		
Course. Dist. Ditt. Lat. Dep. Eat. by D. R. Lat. by Ob. Varia. Liff. Long. Long by Ob.	12		/			1	the wil	Muda	ding sa	red or	Dooms	d. and de	01
Course. Dist. Ditt. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Liff. Long. Long by Ob.	2	7	1									,	
Meather: Orew employed makes Rope Sc. Ponnet to Day Cudding Latitude Offer 35000 fould. Course. Dist. Ditt. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Liff. Long. Long. in Long by Ob.	3	7							0			1 2	
Ropic Sc Ropic Sc Sinner to Day Cudding . Latitude Offer 35 ° O no foulth. Course. Dist. Ditt. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Liff. Long. Long. in Long by Ob.	5	6					Conda	fine	15:00	ze a	nd f.	ricasa.	rick
8 /1 / 1 9 /4 / 1 10 /5 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2	6		/						men	emp	holory.	d mak	
10 5 1 2 in not to Day Cudding 12 6 1 Lat. by D. R. Lat. by Ob. Varia. Liff. Long. Long by Ob.	8	11	1				Rope	Se.		_	i'		1
12 6 / Satisfiede Offer 35 °O De South	9		/				(2):		(h	,)		
12 6 / Satisfiede Offer 35 °O De South		6	1				~	Linne	it to a	Eline	Cida	Ving ;	
		6	/				ed	-atilus	e Off	35	00000	fouth	
1626 126 39 8 111 35.05 35.00 12 20176 93.38)b.
	c 162	16/1	26	3905	111 3.	503	\$ 350	00 1/2/1	720%	76 9	13.38		

12-8

C	Mi	da	15	from	Halem towards Canton.
Н.	K.	H.K	· Courses.	Winds.	L.W. Remarks on Thursday Doch 10th 1818.
1 2 3 4 5 6 7	555556	1111	Elyos?	of West	Abeather, at I Post sigged out the pay fit Boom, and Stigen fit. at 4 sent alot the good sought formast and spaid and set the Sail alle and braved sharf the
8 9 10 11 12 1 2	6 5 5 5 3 3	111	S East	West:	on the startoard lack at 12 midnight rigged in the Lee kooms (Il 5 toll) rigged in the Lee kooms (Il 5 toll) hauled in the Weather traces, (Ind set the fore toh mast of main top gallant studding sail. At 6 toll sent the skysall spaids on Dock, and Thent the soir and main one's
3 4 5 6 7 8 9	444546	1	Elych		Slying fit. Ends stiff Breeze. Und fine Weather. This Hay cause a florhoise. Grew employed making Rope, shun yain Se.
10 11 12 Course	58 1) /	7/08	101	Dimmer to Day Sorte & Gense - Latitude Chist. 33'19' South. t. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 33'49 1/15 2°018 95°39 Cast.
H. 1 2 3 4 5 6	K. 5666666		Courses.		Commones With Light It inds and gine Weather. (11 3' fm. Squared the Gards (Ind set the Mudding sails, (115' frm sem aid the migen Heyat mast and Yard.
7 8 9 10 11 12 1	554443	/	Est East	We by 39	filing ship every minute (It II'PM braved Who on the Lastraid lack, At Botost hauted in the Weather braves, WI'S set the fore and mizen Royal.
2 3 4 5 6 7 8	3 3 3 5 7 7 7	11111	cvive chélyé Edréhe	ohlE.	Conder Fine Branze A.
9 10 11 12 Course	-		Clyck Doff. Lat. 1	Dep. La	t. by D R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 32°/48' 32°/46' 14/4 2°07E 9746 Cast.
	1/2			1	10 12 11 11 11

C	Mi	1 Ac	1	from	Salom wowards Canton.
Н.	K.	н.к.	Courses.	Winds	L. W. Remarks on Hatwiday Dech 12 1818
1	6	1	Elych"	Mest -	Promise and print apr 1 1/4 kg - (all)
3	7				at 3'30 PM squased the Hards and set the studding sails, al It hauled in the
4 5	7				Weather bries and look in main top mast
6	9		Ed E.		down find Silying fit Wel 8:30 lough homes of
7 8	9	/			heavy him at g took in the studding sails
9	10				look in the Royals, & Sky sails, Ul 11030
10	10				look in the Spoie & migen top gallant
12	9	/			gallant sails. Al 5 hauted in the Weather
1 2	9	/			praces, & set main top gallant sail. Out
3	9				Sctost set the rote and mizen tole galland sails, and Royals, al 10 de What the fore
4	98	,			lop mast. It love Semain lab anthe
5	8	/			Lower shidding daily find
7 8	8				Rand the shanker Lot it.
9	8	/			Weather a stife Breeze Veficusum
10	S	1			L'ennei le Doug Porthonse.
11 12	8	1/			Landade Cisa 30 43 South.
Cours	e. I	Dist.	Diff. Lat.	Dep. La	at. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
c 430	569 2	06	117050	169 3	30°478 30°43' / 1/100 3' 196 101'05 Cart.
Н.	K.		Courses.	Winds.	
1 2	8	1	EcVE	Su	Commences Vivin Cong Sandy Conta
3	9				gine Weather, at 8:30 Poll set the
4 5	8	/			Of 10 hauled in the Weather braces,
6	8	1			11 12 midnight set the foir top
7 8	8	/			gatlant Sudding sail. at Totost square
ċ	8	1	NEng 6		the Gards Of 9 nauled in the Laibour
10	8	/	-		Braces and set the main top mast
12	9				at 10 ot M Lot the Reeps out of the
1 2	9				Shanker. all sail set:
3	8			1510	
4 5	8	/			
6	7				Ends fine Breeze & Chandy
7 8	17				Ends fine Breeze & Chandy
9	7				
10	17	/			Linner to Lay Judding & Bog !
12	7	1		-	L'alitude Chr 28°39' South
Cours	6.	Dist.		1	at. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.
c 140	16/	93'	12,00	146' 2	28° 36'8 28'39 1 115 2'48'8 103'538

	C.	Me	da	1	from	()	la lem?	towards	Ganlon.
	Н.	K.	!	Courses.		L.W.	Remarks on	c Monday	Dec 14 16/8/8.
	1 2	5	/	NE lyC	SIL				is pleasant
	3	6	1						the mizen
	4 5	6	1		Nouth			/.	It Bolow square
I	6	6	1		(v) mi i re		, /		the Lar board ma
	8	6		100				<i>(</i>	with at hotest
	9	5	/	016			fore top to		edding sail. We
	11	4	1,				100		Thusled in
	12	14 5			Allest		the Lee IV	Braces Po	et the stay sails
	2	5	/				Joff.		
	4	5	1		Shyll		topsail to	reflig it.	down the miger
	5 6	5	1				All hand	11/1	rope depenait.
	7 8	6					1	1110	ze and frieasant
	9	7			Mest.		Weather -		
	10	7	/						unid meat.
	11 12	6	1		~:		La	titude Obje	26'41' South
	Course		ist.	Diff Lat.		6'S.	. R. Lat. by Ob. 5' 26'41'	Varia. Diff. Long	Long. in Long. by Ob.
<i>C</i>	N/s)	76 11	al	10het	90 1			12 012	2 100 44
	Н.	K.		Courses.		L.W.			Cech 15 # 1818
	1 2	6	/	N East.	Mest			gine Blee	ze and pleasant
	3	7					Weather.	PAL font we	If mizen toh
	5	7					Sail und se	et it and to	et les gallant
	6 7	6					at stat:	El Traced 1.	he blands and
	8	5					look in me	in top me	and Lower
Ta tue d'ann	10	6	1.				Studding	acet,	122
	11 12	6					Ends Jin	e Bierze	Measant
-	1	6					Weather	· · ·	100
	2 3	5	/				Crew emy	hingd bis	owning the
	4 5	6	1		CV West		Cable, pi	Thing Ch	Kum Se.
	6	6						3/	
	7 8	6							1 / 18
	9	6	1				(.)	. 0	a) Pc (2)
	10	17							Pork & Beans.
-	12	7							4:37 South -
-	V37	. 1	_	Diff. fat.		. by D	R. Lat. by Ob.		Long. in Long. by Ob. 6 10728 Gad
C	10/	1	1	, when	/				1 ' ' '

	We	da	1.5	from	Malem wowads Canton.
H.	К.	н.к.			s L. W. Remarks on Hednesday Look. 16"181
1	7		C& Cast	Wors:	Commences fine Breeze and pleasant
2	7				weather at - 2 PM hauled in the
5	6	1		Al West	weather braces and let your late man
5	6				Shower studding sails at 3.30 Guared the exacts and set tote
6	6			Slibyo	
7	8			oflyll	W Shin at 7. 30 das staysails, & file
8 9	10	/		0,2	at 3 ot on Braced Up took in
10	17	/			studding sails, & Shy sails,
11	8				Middle (Paine,
12	10				At 10 oto M haused in the Weather
2	1.17				braces & set main toh mast shal
3	17	/			ding sail. & sky sails.
4	8				Ends fine Breeze and
5	7	/			
7	17	/		1	Cleasant Weather
8	17	/			Caught a porpoise this day
9	17	/			Lannet to lay Judding.
10	14				Es Corhoise, C
12	17				Latitude Of a 22° outer
Cours	e. I	Dist.	Diff. Lat.	Dep. La	Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
012	68/	74'	157%	76 2.	22° 008 22.00 /2 1 1 236 108 5 1605
H.	K.	н.к.	Courses.	Winds.	s. L.w. Remarks on Thursday Dec 6 17th 818
1	7	1	of East	of by &	Commences pleasant Weather & fine
2	7	1			Bireze. At olight took in Royals
S	8			Shy lies	Sop gatlant sails, studding sails, fits
5	8	/		. /	Chilly her hauted is h foresasth,
6	8	1			main sail. & Double heefd lop souls
7	19	/,			Ul 10 PM backer the main left suit.
8 9	19	/			To the must. I kept all the watch
10	5	1			the file being in the Latitude, and
11	1				Longitude hoese ny haid Preason lo extrus
12	3				Inom. Ill Sol M. Set all Sail and
2	1/1				kept one man on the fore top sail yar
3	4	1			to look Out,
4	4	1			all lands on I eck all the time for the
5 6	47		cvEbycv.		- Some line) refig tryging making (Hote
7	19				Jucking Cakem Lo X.
8	9				This day saw a gotest number of the
9	19				rathed Boson's & a number by daying
11	8				Linner to Day Both & Past
12	7	1			Latitude Offer 19°39 South
Cour	se.	Dist.	Diff. Lat.	Dep. La	Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.
c 43	56/	57	12 Ges	91' 1	19°511 19°39' 200 10°37'8 110°28'8,

U	Vlia	as	/	from	M	alom wards Ganton
Н.	K.		Courses.		L.W.	Remarks Friday Decht 18 1818.
1 2 3 4 5	67778	1	N East	BosW.		Commences fine Breeze & pleasant Weather Al 11:30 AM sel Laiboard main top mast shedden Sail.
6 7 8 9	8 8 8	/				All Hands employed sopo rigging, making spunyarn Re Ends fine Breeze & Pleasan
11 12 1 2 3 4	888788	/				Weather: - all sail set
5 6 7 8 9	88777	1				Dinner to Day Salt Book
10 11 12 Course	66	// list.	Diff Lat. [Dep. Lat	by D	and Potatoes. Latitude Com 17011 South R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 101 170115 1/2 1 526 1122 Cast
H.	K.	н.к.	Courses.	Winds.	L.W.	Remarks on Saturday Dech 19th 1818.
1 2 3 4	666666		CV East			Commences Line Privage & Dicasant Weather, Wit 2 Post fulled the fore and mixen Royalle mizen took quellant sail. He fore loft gallant sheet
6 7 8 9	66 544	//			Ü	all hands employed, gelling the Anchor's on the Boles. Und hoisting the Johns world be
11 12 1 2 3	55567	//				mounting them, the Carpontor employed making Relaker's:
4. 5 6 7 8	88777	111				Weather
9 10 11 12	7777	/	D.F.	Dog L I		Salidude Show 15 " 19 South
c/V3	78 13	4	122'	92' /	5°0	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 9'.5 15'09 18 1836' 113'56'6

.

6	Mia	as	from	(3)	Salam towards Canton.
H.	К. н.	K. Courses.		-	v. Remarks on Tuesday Doch 22 1818.
2 3 4 5 6 7 8 9	887776544	N Eust	r Pllety it	71.10.	Commenses fine Biserse and bleasant Weather (1) 130 filed this at 2 Squadly took in tiddle and Brased ith, at 8 expecting to make the Land kept a good Look and, of look in sail. Widdle Synally not be heavy Ruin sail. Widdle Synally not be heavy Ruin Sand le 16 cod Soland, the Western frait which is in Long 118 58 the outstorn frait which is in Long 118 58 the outstorn frait 12000 Cast. lat y made said at 10 30 hard squally look in Longht sails. Of 11 30 hard
10 11 12 1 2 3 4 5	455555556	A East	Pariat 12	1/4 B 1/2	Squally look in Land Set fore and most for mast, top gallant, Elwer studies sails, let 12 Nordy Island bore NU by West Cast frait of Sundse Wind Saland Noby Cast Vouth Touth Sound of Sundse Viet Listance 10 miles. Latitude 10' 20' both Long 119' be Cast view which Shall take in Light Cast
7 8 9 10 11 12 Course	5 / 6 / 7 / 8	ENELLE		What Jan	Ends stick Breeze & Squally. Ends Wood Siland Very high Land. Linner to Lary Dork & Beams Latitude Cher 10030. loute D. R. Lat. by Ob. Varia. Diff. Long. Long. by Ob.
H.	7. 145 К. н. к	79'	122' 10		25'S 10°305 non 2°04 118°09
1 2 3 4 5 6 7 8	8 8 6 5 5 1 1 4 3 1		They the		Commences fine Priceye. It With square and Raint Wind Patable, setting and taking in studding sails every ton minute Of TPM look in studding & braced of Sharp. Ends Leight Winds & Plainy, with thunder, & Lightning.
10 11 12 1 2 3 4 5 6	444433	Eust & 1/2 &	Variable enough		Bookiese Burker of Birds talled
7 8 9 10 11 12 Course	444	ESE ElyoN That. 30'	1 1		Dinner to Day Redding & Breeks Loutilude Olar 9.5.3 South. D. R. Lat. by Ob. Varia. Ditt. Long. Long. in Long. by Ob.

71.

cMi	dus	(,	from	Ma	16111 towards 67111611.
н. К	. Н.К.	Courses.	Winds	7 . W.	Remarks on Shunday Liert 24 1818
9 10 11 12 1	idm	Ely I	No is	Lightning on the Soundaring	Commences Light Blace the Cities Wheather the Month of the Post the Man at the must had Discouring a duit in the ithrather true; ceasing what & & C. Standing & SC. Whitelle Calm (It 3'30 et of it bier ye shiring the Iguared the Iguards, and rigger out main top most and top gathant thing dis sail Broms, It I the Wind musted braced sepon the abantoura lack, It very black true of a sising, took in rujung fit, Shipsails, goyals, and haused the things fit, Shipsails, goyals, and haused the the main sail, 18th 5 30 sould sail, 18th 5 30 sould the main sail, 18th 5 30 sould sail, 18th 18 30 Braced the on the Lartowall lack, Of meridian, Lowered the fally son
2 3 4 2 5 6 7 8 3 9 3 10 2 11 3	1///	ELVE.	Sillyill EXE	This Ing 1874	none of any Consequence, The strange sail about 10 miles I is now (Inds Light Il finds land Maza) Willson. Habit Embloyd Picking Cakan. Dinker to Lay 11 th & Pers.
Course.		Diff. Lat.	1		R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
01/20	32	10	31' 9		69 3/6 12206 Carl
Н. К	. н.к.	Courses.	Winds.	L. W.	Remarks on Friday Dech 25. 1818
1 / 2 3 3 4 2 5 2 6 3 7 2 8 3 9 2 10 / 11 /	1 11 1 11	Nobyel	NN & W		Commonas Almost Calm and the Weather haves hugy all 2 PM hauted in the Weather haves and set studding sails at 7 Post qually look in Light saids, spanker to fit. I have ally hauted with the muinsuit all get sail Middle squally with thunder & Light win all 4 30 of M. Wind Valying, brated with then squared again set studding saids, in studding sails & traced with on the stait and fack, all done in about an our very heavy Rain, for the last 4 hours
12 / 1 6. 2 3 2 4 / 5 / 6 3 7 3	ahm.			Existences this	Distance on our Neather Bows. Of Total Saw Land, Bearing from N & to N IN which we made it out to be Timor Island. Of Notall Lown Sout and tried the Custont Und Sound it letting
8 3 9 2 10 / 11 / 12 2 Course.	Dist. 50's	East. Diff. Lat.			Whout 12 Finot por hour'to the Mile Ends Light wind & Cloudy weather Linnet to Lay Mine'd meat. D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 88 none none 33' 199°36 Cast
			1 /		122 0 9 Can-

	Which	us		from	H	Korlem wowards Camton.
Н.	K.	Н.К.	Courses.	1		
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10	K. // ///// /5/4/		If Cust	Winds. Variable	these 24 Hours Very hand heightning mills	Remarks on taturiday Derbi 26. 1818 Commences Calm. and Cloudy Histher Al 3 Post the Man at the must head Discovered a said hearing of 16. and the first Ship, made signals loo her. At 6 P. W. the following Bearings and Distance the Western part of Timor in sight, of by Eh E. about & Leagues. Chastein Part of Lomblen, a by E about If Leagues, Ot Totall a breeze shring affect from the most head, At I this in sight. Sit all said at good thing the Man all the mast head, Saw Land on the Lee brown bearing and Listince, it estern Parts of Danter, At Meridian the following Bearing and Distance, it estern Parts White Chiff Island About & Deagues. White Chiff Island About & Deagues. Distance, g Leagues. Ends Light Breeze & Oleasant Weather.
11 12 Courre 0159 H.	K.	н.к.	16'N	27 8 Winds.	0.5%	Dinner to Lay Salt Fish - Lat Ob, w 8'59' South D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 2'S 8'59' Some 27' East 123'06 East Remarks on Tunday Decks 27th 1818.
1 2 3 4 5 6 7 8 9 10	33 2 2 2 2 Calo	/////	crely&	(forth	with Shunder un	Communes Moderate Braye & fine Months of the said and hauled We the Courses and Parter Seland, Wit maridian Sur hart of Panter Seland, best It has guild fatter to the William of Semon in Sight Cast. Cast hart of Semon in Sight Cast. Cast hart of Semon Island Running from W. & to I West is 220 miles.
12 1 2 3 4 5 6 7 8 9 10 11	1 2 1 1 Caim 1 1 3 3 2 2		€\€\£		All this cright hung	About 17. miles.) and Plante, on our Lastrand quarter, Hotis head 8' 3'S Lat 122' 41'6 Long hese die Last & Long not given hese die last Comblew Seak 8'12.1 123' 416 Long hoard side. Panter 8' 32' & 123° 59'6' Long hoard side. Timor Island, on the Starboar' hand also White Cliff Island Lat 9'15' 1123° 54' Combine light of Lay Indian Pudding Latitude Chiral 8° 35 South.
c 159	1 Dis			1 (.1)		6. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 30'6. 1345'6av

	C	She	da	5	from	Ha	lem	torvar ds	60111	m.	
ı	Н.	К.	н.к.	Courses.	Winds	L. W.	Remarks on	Monday	Y Dort 23	13/8	
	1 2					-	Commences	talm in a	Il steering	Suits,	P
	3	(air	n.					I'm light.	In is, squa	they have &	ed
	5	3		Einge V	North	9	Ill & Wiore s.	heh to the		W1 10 W	ails.
	6	3	1				ship to the	Sail. this	clight Ja	w severa	
۱	8	4		Chy Sho			of Ombay	Short le	of 8 the	Past Fran	-
۱	10	2		186.			frait about	Bonates	W. noon	Ganiba	love
	11	Lay	Sel to	and NW			SE point	Por Hast	- Silling 1	tes at	
	1 2	1	1	North			ON Gly Ch C	This)	Par same	a mat	arrete
	3	Ear	m				Just su	an us sa	raiks, frot	20256.5	
	5	2 3	,	Elych			albacotes,	Then ring	rogs, He	ning Fis	L.Se.
	6 7	1+4		CVNE	8812	r'	Caught a		. " /'	-/-/-	1
	8	3					Onds Ou	most (raim le	nd Ver	
	9	Gas	m				Waim.	Junes to	L'ay Sa	H Beef	
	11							Fatilide	Chan's	10 South	
	Cours	e. 1	Dist.	Diff. Lat.	1		R. Lat. by Ob. V		- 1	i	
	(13)	96	32	1768	27 3	8.18	".f 8° 10'.A	286	124013	East.	
	Н.	K.	н.к.	Courses.	Winds.	L.W.	Remarks on	Justay .	Decli 29	*1813	
	1 2	6	1 m	(Vorth	west	4.	Commences at 1 Post 1		and fine to		
	3	77		CVOTTA			from the Is	land, but	a fine		12
	5	7		1/1 0.0			a heavy san	137	nd, Prain	took in	laght (
	6 7	14		e & by 20	7		and Lowered file (Of L	the shum	het I have	sed down	the
	8 9	6				12	South) Will Stook in to	5-302	wille Is	112-1	e sail!
	10	7	1			1.	let I heef	alet of 2	he top si	will Ro	0
	11 12	8			2	The	top, gallan	A sails.	foir toh	mast,	5
	1 2	8		e Varth		13	a ighth and	9. Ch 50	tost bet	with reck	a with
	3	17	1		West.	Call .	flying file	ogals, st	took in	ils, 8 01	graile
	5	66	1			1827	Straced &	2.1.	- 1. 1. 1	Mudde	sa.ls,;
	6 7	7				area	(C)	•	n Wit	h hear	res
	8 9	6	1			20	Claus	/		3	
	10	7,	1			1	Lum	er to L	ay Fork	y Dean	5,
	12	6	alm								
	Cour	56.	Dist.	Ditt. Lat.	1 0.1		0. R. Lat. by Ob. 1	Varia. Diff. Lo	ng. Long. in	110	
	CY 4	. u /			1/ 1	14.	OF none	9	124.04		

6	Mic	Kus	from	Hulem	towards	Canton.
Н.	K.				m Wednesday	Direct 30 #1818_
1 2	2	ON Elyc	8 08 82 /42	(formmence	s light Winds	H. Pleasant Weat
3 4	2			Wh Shas	of all 3:30	Holl Squally to
5	2	1 Nove	d'ariable	in Kory.	als & flying	6.6. (31 believe
6 7	3			(11 5 m	nade Sail, il	loft Galland
8	3	ch'/2 &		mast 16	main lope. q.	Mand Hilling
9	3	/		M Sol	of a heavy	Royall of Itin
11 12	3	North		P. Steerin	g tails, have	led Up the Ing
1	3	. cs by	E	Course, C	took in top	gallant sails,
3	.3			ant Sain	I sel main	het Winds
4 5	2.8	1 North	<u>^</u>	and	Rainy, Whi	th an Indian
6	8	ex or m		Juddes	ng, For 1	linner
7 8	3	1		200		
9	8	Nosie	200	()	Day Caugh	t'is fine
10	8	01/2 6		2:20	nnela.	<u> </u>
12	70					
Course	90	ist. Diff. Lat	1221	by D. R. Lat. by C		Long. in Long. by Ob.
	0/9	00	14	12. I none.	none 20'6.	124.24 East _
H.	K.			L. W. Remarks o	n Thursday 1	Decht 31# 1818.
1 2	2	Chart	Light	Comman		icks, & rainy
3	2	1	21.18	mast he	ud. Vilcorered	he man at the
5	3	436	di 191-	the lita.	tore East. Due	lance about 4 mi
6 7	5				led in the	1117
8	6	1 chelyn	\$ "		Lesting Said.	1. 3 30 Jan no
	5	1 01 Cas	ϵ		- /	idnight in ail
11 12	5	1018/20			hound lack.	Brased Uffe, on
1	3			Synaica	the Upurds.	and sol Atudalin
2 3	3	1 Ec. 18			and the second s	ils, down with
4	2	1				1 The Ches;
5	3	/		& Cnds	· / ·	With Sine
	3	1	Unitable	2 Posing	n l	as to Small
9	3			tout h	of a Olgun	Pl:
10	2 fact			Ge	Linner to	Day Vorte Chas
12	6					
nuise	Dist			by D. R. Lat. by O	o. Varia. Diff. Long.	
1476	18	53	57 3	19:11 nons.	1000 576	1252X Cant -

otheres from He	Mill cowards Elither
H. K. H.K. Courses. Winds J. W.	Remarks on Friday Jany 1 1819
4 /	New Your Commences With moderate Breeze and Cloudy Weather (It 3 Poll Haced the Yards My Shart, at I Squared the Gards and set Studding faits. All O took in
8 / / 6/ycs 10 11 12 6 1 1 1 1 1 1 1 1 1	studding Isails & biased who on the starboard task, a Number of Islands in sight, Gerum on the Ita; board hand, I Chy Majar. on the Last boid hand, &a sumber forter (itel employed Making Connon
7 3 8 3	Castridges; Cleans muskets smords the Carfrenter Candhing the lower Deck, Ends fine Breeze & fair Weather
	Linned to Long Satt Beat. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob The name 100 6 126 0 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
H. K. H.K. Courses. Winds. L.W. 1 3	Remarks on Faturday fany 2 1819. Commences Light Winds and Cloudy weather,
9 / 01 6	Middle Calm & fine Weather - but Very Warm.,
10 11 Estim 12 · · · 1 / / 2 / / 3 / /	All hands comployed Bainstain, and blucking the sides of the ship
4 <i>Cakm</i> 5	
10 11 2 1 SEbyest 12 3 Course. Dist. Ditt. Lat. Dep. Lat. by D	Hat by Ob. Varia. Diff. Long. Long. in Long by Ob.

est.

11 (MI	da	1	from	0%	alem	towards	Canto	076
Н.	К.	:	Courses.			Remarks on	" funday	Jany 3:13	519.
1	2	1	of Engol	Milly		Cimminers.	light Il in	eds and (in	indy
3	2 2					Meather	(11 Bin 1)	Judden , Fan	Lat
4 5	1	/				111 501	St Il head	eter aft	The
6	Car)22 -				main sail.	11 5 30	mile Sail	
7 8	13		Ely South	,		Mit 8 office	in they with	Tuin. (Til	1) Thine
9	1		6.40K			Briege de	A studition	y sails, the	ice made
10	2	//	Grst.			Islands in	sight. Al	ricon the	10000
12	1,	//		2			15 Frague	ecs ME	
2	3		5 / tooks			in the st	and the	dix Rue	200
3 4	3	1	ics it			Charles !!			
5	3		216	Q		1	272	1	
7	3	/	11100	1 3113012		This lay	rife go	Jug Buch	jave tsv
8	3			2 196.	7	i fine . The	J'el	ed & Philippin	
9	5			11 /10.					
11	5	1							
Jone .	= 1 L	Dist.	Diff Lat.	1				g. Long. in Lon	
163	66 4	(2'	23.K	3.5'	1/4	Jos more	nne 35	6. 127 CXES	
17.	K.		(1	Winds.	1	1	//	T 1th.	
		H.K.	Courses.			. Remarks on	collonday	Jany 14 1	3/9.
1	4		Ecs &			Commence	s kine Bis	esze il Chom	
1 2 3	434					Commence neather?	Al 3 den.	esze il Chom	
	4	1	Ges &	SEPTI		Commence	At 3 Chi.	Provered to	fand,
3 4	4/4/3	1	605 6	SEPTI		Commence meal hor. on the stutte the Middle	the Break on and bour ar	Discovered to the start of the strain	hand.
3 4 5	4/4	1	Ges &	SEPTI		Commence menther the starting Middle	di 3 Com. Bridera de vous. Carre ar	ad Vory	Sand.
3 4 5 6 7 8 9	4/4/3	1	605 6	SEPTI		Commence meather? on the Suite Middle Middle Marker Suite Su	the Break one. Charter ar de vous. Charter ar solong	de Very de la	Sand.
3 4 5 6 7 8 9 10	4/4/3	1	605 6	SEPTI		Commence menther the starte. Middle We the Laite Starte Starte Sula Parts	Straid von. Charten ar de von. Charten ar al solano ar a long	Pola Stan	Maira,
3 4 5 6 7 8 9	4/4/3	1	605 6	SEPTI		Commence meather? on the starting the starting the starting the starting of th	di 3 desi. Alle de la de la	Pola Sings	Maira,
3 4 5 6 7 8 9 10 11 12	4/4/3	1	605 6	SEPTI		Commence menther the starting the said to the starting of the	de Brine Bistonia de Carriera de Constanto Contra de Constanto de Carriera de	John Sorra	Maira,
3 4 5 6 7 8 9 10 11 12	4/4/3	1	605 6	SEPTI		Commence meather. In the said the Middle Will & Clark and Austana Aust	de Briene Briefer de Carrier ar de vous. Carrier ar la	Popular Sons	Maira, Maira, Maira, Military Military Military
3 4 5 6 7 8 9 10 11 12 1 2 3 4 5	4/4/3	1	Elyth	SEPTI		Commence neal hor the star she star she star she wastand of the star and st	the East	Polar Strange Soil of paid for stary for the strain of the strains of the strains of the stary of the s	Maira, Maira, My Sol. Mil & M. M
3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7	4/4/3	1	605 6	SEPTI		Commence meather? on the starte she starte was for the starte was a distance of the starte st	the Sasses of the Control of the Cast of t	John Stands of Jail of Stands of Sta	Maira, Maira, My Sol. Mil & M. M
3 4 5 6 7 8 9 10 11 12 1 2 3 4 5	4/4/3	1	Elyth	SEPTI		Commence meather in the said of the said o	the East of Elych	John Stran John S	Maira, Maira, My Sol. Mil Sol. My Say, My S
3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9	4/4/3	1	Elyth	S. S		Commence meather in the said of the said o	the East of the Control of a child south of the Cast o	Popular Stand	the sold of the so
3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9	4/4/3	1	Elyth	S.PH.		Commence marther the starte the starte soft and soft har soft har the starte soft har the soft h	the Base of the and for and samples	John Stand of South of South South Stand of Stand of South South South of South South of South South of South South of South S	Maira, Maira, Maira, My Sol. Mich W. Fly Son
3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 Coms	4443221	/ / / / / / / / / / / / / / / / / / /	Elyth	VEPH	at. by :	Commence meather in the said of the said o	the East of Constant of the Case of Charles of the Case of the Cas	Jaser in Cloud of the Stand of	Maira, Maira, Maira, My Sol. Mich W. Fly Son

	(The	111	es .	from	Malini wards (unlunt
	н.			Courses.	Winds	L. W. Remarks Suesday Jany 5 1819.
	1 2	tian 3	m	Elys	08 08/7	Commences Entin I fine Weather
	3	14				(It is memeter past meredian havey.
	4 5	4		6.43		from Puto Popa towards the Shit
	6	3	1			We Charged the Gung with Giase She
	7 8	3	1	milest.		they Capsed Us Without Coming was
	9	1:				at I Post they were lester of us
	11	5	1	6.40		Just in dight
	12	43				ili SotoM Quelo Popolete Hies.
	2	3		263718		Ult reven Gaine a Hat's voic of But
	3	2	/	estite of	7	Entrance or With Attraits (B)
	5	2		Elyc V		John wills let by South
	6	2	/			Ends light Winds L'the It to the
	8	3		Now.	~	extremely d'aim.
	9	1	/			inner o Lago rock & beans
	11	1				
1	12 Course	e. D	Dist.	Diff. Lat.	Dep. Lat	by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
4	¥.5	203	5			23' 1' 0" ume 27' 128'62 Ent.
	Н.	К.	н.к.	Courses.	Winds.	L. w. Remarks on Thednesday Jany 6 1518
	1	that	-			Communees Calm. I Very Warn Wealth.
	2					(11 2 Pall got the Sheet itreker on the form
	4					and bent the willy of 1 1 the
	5	3 2		16/200 C	· V W	(Il Tlacked which to the of &
	7	1	/			11 0 11 11 11 11 11 11 11 11 11 11 11 11
	9	3		N Enlagt	the toun	Cape Maybe, G. S. 6. 6. Ol noon
	10	3	/		1	Tusher's Island, bore, I by West, Oure
	12	3	1			(Maybe bore South Island of Prosta.
	2	2	1	Silled Sold		at noon going Ustern.
	3			200		This Day Mys rads of Birds
	5	Lay	Ind			& Fish in Orbundance
	6	1	((6/26)		Ends Galin Beschemely Walm,
	8	1				The Carm of Later and the me,
	9 10	trak	122			Tinner to Lay Rudding.
	11	Car	221			and to July uduing.
C		Gas.	- 1	Diff. Lat. 1	Dep. Lat.	by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
C	440	75 2.	. 1	1		49's more, more 14'6 128'16 Gast

The same say	(1)	dia	as		from	1 3	Hillim towards Cunton	
The Cal Water	Н.	K.	н.к.	Courses.	Winds.	L.W.	w. Remarks on Thursday fany jan 1818	
R DOVE - SUCKEST - SUCKES	1 2 3 4 5	Cai	fur	CN East	+ SWart		Commences talm & Bory Wasm (Il 3 Poly a breeze from the f. West. (It & no more at the Gulfance of Dampiers straits. (It Il a strong blick silling Us of the	
	6 7 8 9	3433					the beat to got Brady but to breeze the who we stock in with the land of and in 25 futhoms Water. at 8 of Mal.	rat.
	10 11 12 1 2	3 3 2 2	11				Came Along side, bringing mats, bishing Cocoa muts folantains bannanas bows for fireway to be the two of them appeared to be Chiefs, came on board the ship, the	6-
	3 4 5 6			• :			boals, at moon part of the boats to	it
	7 8 9 10						Allaton Weather. At noon Figeon Island baroch El. Augusta Island ovid With it? Dinne: to Lay Pork & Leas	
0	11 12 Course	= 1	Dist.	Diff Lat.	Dep. La	t. by I	y D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	
	(184	58 2	9'	21"	210		81:5 none mone 21' 128°37'800	_
	H.	K.			Winds.	-	w. Remarks on Striday Jany the 1818.	2
	2 3	5 4			All est	,	Theasant Weather. Wit I Post weight with the the war	di ls
	5 6 7	3, (0a)	1/	Elych	at the state of th		Istidding faits and whoed Up. at Tours of the Strong to	ek /
	8 9 10	11			18.11.11.11.11.11.11.11.11.11.11.11.11.1		the tide timed in our fairur. When the gotast I, bouts filled with nate	isen
	11 12 1	.,			de most		for trades Ut from a fine to	leez
	2 3 4				July man		Shere being a l'ery strong Guir	rt
	5 6 7 8	3		Gast.	My char		deat of Dumpier's Straits.	4:
	9 10 11	3 3 3			11 8 Al mount	etc. 1	Dinner to Day Salt Brang	
	12 Cours	3 e	Dist	Duf. Lat.		at. by	by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	
1	chh	76.	24'	100	-		18' Seat 34' 1 none 22'C. 128'59	

		Min	(h)		from	Malini wowards (amich.
	Н.	К.	н.к.	Courses.	Winds	L. W. Remarks on Saturday jany Ly 1819.
ı	1 2	13		East-	1 Est	Commenced light thinds of heasand
	3	1	1	€ct €.		medher bruses and set tarboard
ı	5	2	/			Middle Part im delate & pleasant.
	6	2				Ill O otost. in Squall history, handed
	8	Car	2m			Set the Royals, With V braced With on the
	9	/	/	Cast.		Starboard flack, itt noen lacked ethick.
	11	1	1			W /2 South.
	1	3	/			WI noon new Guinea bore Not With N.
	2	3				eastern fast & By South
	4	3		01.11	•\$	Edwards Island Ul by I'le South.
	5 6	2	/	Elye V Jech		Ends light. Winds & Pleasant
	7 8	3	1	NELLE		Weather.
	9	2		(W. Citalo		
	10	2				Comer to Lay Sate Sist.
	12	2				Latitude The 30 fouth
	Cours	e l	ist. I	Diff. Lat.		13', 1 30': none 45' [120'14 Cast.
		16(1)		======		
	H.			Courses.		
	1 2	3	1	46171°	es Casi	Thighs Madelate of Madelate
	3	4/1				at 10 Dat lacked Ship to the of others
	5	4.		8/201		of 10 Post turked to the constituted
	6 7	40	1	6/205		middle moderate und fileasunt
	8	5		E Wilyou	,	it 5 test tacked this to the
	10	5		17		V. Cast. & handed the Projets.
	11 12	3.		est Imile	1.76th c 43	al Cotost. Set the Royals.
	1	2		1/46		Al got est lacked Ship to the North
	3	3				Gate of Good hope of New Juine.
	4.	.3		Vin E/26		Ela North. There being a Current
	6	3				sotting OF. E. Sallow 30 miles.
	7 8	3 2		Sast.		Ends light tricere & Heasont
	9	2		(%.8)		Dinner to Day Dine
	10	2	110	(h. E.		
	12	2		Shylit	1)	Latitude The 11 South.
	No.37	3:8.4	6'		-0	1. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob. 13/3 0:11:5 mone 36'E 130.20'Bast.
K	4= 6	17				100 L Sast.

	01	Mi	da	1	from	2	Maiem towards Canton.	
	Н.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Monday Jany 11 1819.	
	1	3		C.b. if	W Cast		Begins With light Winds and fine	
-	2 3	3	·	East.			Weather MI I Post lacked thiste to the Castward. Old 12 midnight lack	in the state of th
	4 5	3	/	8/2 c 8"			It Botos to the of West at Total	car.
	6	3					Jacked to the Cast Wit 10 chall Square	0,7
	8	1					the Gards & set thething bails. All 120	30'
	9	4		南海。			This Lay all trands on ployd	•
	11	14 5	1	Will'bye 87			frainting the boats. & buckets.	
	1	4	1	Ely I			mending sails, 80 %	
	2 3	3		c (Tuju)			At noon Maiggeo, bor the FU.	
	4.	3					Cape of Good Hope, E. F.	
	6	1					Inds Pleasant Weather.	1
	7 8	3		A East				•
	9	2	1		Must		Linner le Lay Aline'd Mont.	
	10	2	1				Falitude Colin 5 North	
	12 Course	2	Dist.	Diff Lat.	Dep. La	it. by I	D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	
ı	ch Ps	18 0	3'	1	1 1		North 0 0.5' none 62' 131226art	
	Н.	К.	H.K.	Courses.	Winds.	L. W	. Remarks on Thresday Juny 12th 1819.	
ı	1	2	1	A Cars	SSE.		Commences with fine Weather,	
	3	2	9	e Vevil	CA Eus	d	At 4 Post a heavy squall, hunded Praga	15
	4 5	2					maindail. It Double Riofd the topsails.	•
	6	2	1/	4			Regts Vitet tob ga Hant fails. Whi	24
	7 8	1	1				Set the Dingalis. Ol Gline lland and higged out studding saits froms. Con	1 d
	9	1		,			the Wind, Al hors it as it ful was	,2
	11 12	C. as	1				one. and left the Colon as a Colo.	
	1	u	,.				and Rigged in the booms. Ot Gold	
	3	te .	1.				the Wind Oft again set studdings	Cario
	4 5	en er	1			-	Onds light Wind and Ilsasant	-
	6	"	14				1. Strong westerly busiont this	ay
	8	"	"				from of the by Ut to Will S. Och noon	1.50
	9	1	1/	East.	Sel.		Eastern fruit of thay gees, hore if is the	S.F.
-	11	1	1				Lintellede Others & Bears -	
	Coursi	e 1)ist	Diff. Lat.	Dep. L		D. R Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	
	N4	18	9'	1/4'	50	19	1'4' 30'es mone 5' 131'27 East.	

CA	Wier	ans	/	from	Valem words (anton	
H.	K.	Н.К.	Courses.	Winds	I. W. Remarks on Wednesday for 13th 1819	
1 2 3 4 5 6 7	8a 2 3 4 5	fm 1	East	15-SW.	Commences Calm. At 2 Post fibed the At 3 hauled in the Lee Braces and took in the Les studding sails, at 4 of all Squally Braced Up and in all studding sails. Stay sails of flying fails from 4 to 8 total files	nd nd
8 9 10 11 12 1 2	4444244	//	ÉNE.	Pariable	Ship Blimes at 8" Let studding of At 9 At the ed legain (It moon digually in Studding sails. & Hays. Latter Part Raing. Ends fine Braze. & Cloudy	sail
3 4 5 6 7 8 9	336666654	11	(VE by E		Dinner to Lay Budding & Bay	7
11 12 Course	46 8	Dist.	Diff. Lat. 24'	850	Latitude Obre 550 forth by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob 540 0° 550 mone 1°25' 132° 52' Cast. L. W. Remarks on Shurrday famy 11, 1819.	
1 2 3 4 5 6	4333333		estely &		Commences give Bittyo & Cloudy Weather Mit 2 Post sit yore Hofe mast & muin los gastant Studding dails, & staysails, Mit is in studying sinis & moved Ilfe Shails;	
7 8 9 10 11 12	3 . 2 / (w/		Cast.		Match embloyd, moving bubles, Lutter frait long Warm. All hunds omp logal frainting boats mending said hicking Cakern, Silve	
2 3 4 5 6 7	* * * * * * * * * * * * * * * * * * *				Shis Day Caught 2 Sharks I allow 16 miles burrent lo the W.c.V. West.	
8 9 10 11 12 Course	. 1	Jist.			Latitude Office Jong in Long by Ob.	Som
0134	0 /	0,	15	10 /	1000 10 11/08 mone 10' Gast 133°02'	

C	Mid	'as	from	C	Palem towards Canton
Н.	К.	H.K. Courses.	Winds.	L.W.	Remarks on Fisiday Jany 15:1819
1		1 chilli			Begins moderate & Oleasant
2 3		1			
4		1	• 0		Middle Culm.
5	9	1 NWbp	V		Middle Gulm.
7	2	N Wes			Of 7 A SI sent down the over
8 9	/	1 East.			Of Total sent down the over
10	1	1			one.
11 12	2	1 cv Blyc			9 (1 set Wasn
1	1	cl East			Ends Galm & Very Warm-
2 3	Gas	m			
4	"	"			
5 6	4				
7	••	"			
8 9					
10	"	4			Dinner To Day Sals Beef.
11 12	14	.,			
Course					R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
Nos	Th 1	0' 10'es	none /	21	'N none none 133°02' Gart.
Н.	К.	H.K. Courses.	Winds.	L.W.	Remarks on Saturday Jany 16 1819
1	Can	/227			Commences Galm & Very Warna
2 3	.,	"			at 3 Post a breeze Throng och
4	1	1 Ecv 6.			from the North,
5 6	2	cv &.			at 5 Post Set fore loft mast
7 8	3	CV 8/26			and Stayshils.
9	3	1 cv Ely &		1	Middle Port Woderate &
10	4.	d East			
12	4.				Creasant.
1 2	4				at 11:30 oto I set main lop mase
3	3				and lower theiring facts.
4.	3				Ends light Breeze & Hersons
6	2	1			weather Ciaw infloy's Sar afring
8	2	1"			the Ship & Color -
9	2	1			Dinner to Day Tongues & Journos.
10	2	1			1,000
12	2	1-			L'ullima o
Course		Diff. Lat.	Dep. Lat	9°0.	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 2'W 51'N none 15'6 133'176
W4,	78 6	14	140		

C	Hia	las		from	24	lom	toward.	s Can	don.	
H.	K.	н.к.	Courses.	Winds	7. W.	Remarks d	on Thind	ry Jany	17 1.1819	
1 2	2	1	OV E			Comme	nees light	Mina	de to pleas	anz
3	2					Monthe	' -al	2 Postin	Mudding	Var.
5	2		1911 0			una 19	aced Wh	/ <u>;</u>		
6 7	2 3	/	N 6/26	C.		Millida			inds &	70
8 9	3			In!		(Flica.sn		ather.		
10	2	/		6,			Sel for Pallant		nast. B	
12	2	1		Mea		10/10/	muune m	SHEER WI	y suche -	
2 3	3		ev &	N.			gang &	/	setting	
4	3		c 6 6 6	16			Mon's	hold.	g the gu	
5	3 2	1	01 6 % 6	C.		Ends	light	Min	26.1	
8	2	1		9.3		(Pleas	cant i	Weath	er.	
9 10	2	1		S.				ing. Sei	hye a the	e l'an
11 12	2	/					,	(-)	21'o Varth	
Cours	e. [Dist.	Diff. Lat.			R. Lat. by Oh	1		in Long, by Oh	
(\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	34 6))	39			2.1 2°21'c			Gust	
H.			Courses.			2	6	-	184181	9
2	3		Ecl'E	1490		Commen ninds a	nes these	2/ Hour	of with lag	147
3 4	2 2	/		11-3/4						
5	2.	/	or ElyE	y NITAPIC		Mide	de fra	il C	loudy.	
8	3	/					·			
9 10	4/1					Ends	Mith 1	Rine	Birez.	
11 12	3	1					VE VE		7	<
1 2	4	/,	ENE	•		all be	2	1/1/	2.	
3	4	1,				yarns 8	X hicking	Daku	Drawing	
5	4		overs	, ,		Jone :		P		
6 7	3		· \ 0% &			2	ude fren'.	Lunar	734°56	· asi
8	2 3		A Chyty	6		(. le Lay	white (Busy!	
10	4/1	1					11			
12 Course	4.	Jist. I	Diff. Lat.	Den. I. F.	t by D		atitude Oth			
N50	28	5'	14'	731 3	3°05	Sest 3.02.	of more 10	13'8 135	in Long by Ob	

2:

	0	Mic	dets	from	Palenn towards Canton
	Н.	K.	H.K. Courses.	Winds. L.W.	Remarks on Juesday Jany 19th 1819.
	1	43	ECN 8	North	Regins with modelate Breezes
	3	3			sent the tot gallant Midding sail
	4 5	3			out of the lops.
	6	2	1		Al 11 P. St Sent all the Thirdding
	7 8	2	Elych		Sail Booms on Deck
	9	2			Ends Rainy with Fquarlis,
	10	2	No trick	212	Cinus Staying Transition
	12	4	with		
	2	4	or or		Longitude Corrected by the Lund
	3	4	eN Whyls	3	at 10 PM tacked Ship.
	5	4 3	1 000/20	.8	Ul 10 Poll carred Onin.
	6	2	1		
	8	2			
	9 10	3	North	CNG	
	11	0	1 Naty l	2.	Linnes to Day Port & Beand.
č	12 lourse	/	Dist. Diff Lat.	,	D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
				2'w 3° 4	
C	-	Marine statement			. Remarks on Wednesday Jany 20. 1819.
	H.	R.	H.K. Courses.		
	2	6ac	1 Novw.	W East.	Commences Colm. al I'll a bronge
	3	5	/		from the N East. Which no Donos.
	5	5	1 N/2 W		at poportin Royals. at They.
	6	5	1 North.		furted the top gallant sails. at
	8	7			10. Post Single Reefed the top saids.
	10	5			at 1 Host. hauled Who the main with
	11	5	1 N/2 W.		lowered the Spanker. Set the mizen stay sail. at 6 AM set
	1	7			the mainsail spanker. & top galant
	2	5			sails & shoot the Roofs out of the
	4.	5	1		Top ranks.
	5	5	North.		Ends stiff Bireze &
	7	45			Iqually with heavy Rain
	8	5	1 Nywhi	ca:	
	10	5	1		Dinner to Lay Judding & Brex.
	11	5	/		L'atitude Office 5.34 North.
21.0	nurse		ist Diff. Lat.	Dep. Lat. by	D. R. Lat. by Ob. Varias Diff. Long. Long. in Long. by Ob.
0	N8°	10. 12	25 1240	17 5:4	1.6 st 5°34 st mone 171/1 134 376.
The same					

(SU	ile	115	from	2/4	dom	towards	Gun	ton	
H.	К.	н.к.	Courses.	Winds	L. W.	Remarks O12	Thursa	lay Jany	21.18)	J.
1 2	6		cs / W	1.	(Tommences	stiff Of	hover 15 1	qually	
3	5			Si Chi	6	It I Po	Wient do	wa live	el igur	9:1
5	3 2	/	N West.	19	X	& from 6	NI TEM	le fiency	Friall	look
6 7	2		NbyW.	200	6	he top ga	wils ful	11 - 11/2	osc la co	or ker
8	23			O Wh	la m	nauted ly		resesait.	1 to to Kon	1 /g
9 10	3		N/210.	. 2 ;		Jask. Tha	uted life	the for's	sail &	Copie
11 12	2	/		33	10		il & ma	Wind unsail.		a W
1 2	1	1	Nove:	of in	or or	We Than	her Yse	to the	ok / Re	5
3	1	1			6	Utt 8 oto	A Paw I	the Islan	d of a.	gou
5	1			de	6	while the same		top gal	908 (3)	Cast
6 7	3	/	Vorth-	titue	6	Nt. 1	/	for the	Istan	0/3,
8 9	14		N Wales	Sile.	8	10 1.0	u bote	Cast.	Visitaine.	
10	10	1	12 hast 9	0/3	6	La muses	1.	Which I		
11 12	6	/	world \$2			and Old	reory : D.	nesto La		021
Cours	e. I	Dist.						ng. Long. in		
NZ	60 A	28	2.5	12' 7	210	1 mone	mone 12	10 1340	Cast'	
H.	K.	H.K.	Courses.		L. W. 1	Remarks on	Forday	fany 22	1819.	
1 2	6	/	N/2U	BON E.	(Sommens	21	Ohrere.	61 . 1	
5	76	1	North.		12	n loft gas	land su	of Agua		,
5	7					readed to	1 7	Rept or	. 1. 1	
7	5							in galla	2 4 1	
8 9	5				4	11/11	My fur	ted fore	Vmiz.	72
10	6				La	of galle	ant sur	ils.		
12	7		NhyW.				/ 2	of Fish.		
2	7				6	Ut 2 Av	12 furted	the m	rin tot	
3 4	5	1						to 6 ct		17
5	5-		Nes Wi					-		
7	10		Noyev.		1	ndis s	in the and	1 Rain	Mead	(en)
8 9	4		North.			(1)			C	
10	6	1				in	nes la L'	Jay mine	mout.	
12 Cours	6)isr	Diff Lar.	Dec 11				Hood 90.4		
ch 3	1011	13'	Diff. Lat.	13' C	. by D. R.	. 1	Varia. Diff. L	ong. Long. in		
				1	700	11000	/ 62	wind	CAIS.	

Muster	das fro	m Salem towards Canton.
		nds. L.w. Remarks on Haturday Jany 231819.
1 6 2 6 3 7 4 7	North. Eur	Thung weather.
5 6 6 5 7 5 8 4		Middle (hainy with highen
9 4 10 4 11 5 12 5		onain yard har leve hut on a temporary one untill a mour
1 2 3 3 4 2	Now W. W.	
5 6 6 4 7 3 8 4	10	And with a fine Brate
11 7	1 NW 63	Satitude Obis' 11 4408
H. K.	Dist. Dist Lat. Dep. 15" 1/4" 1" 1" 1" 1" 1" 1" 1"	Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 11° 46' 11° 14' none 17'10 133° 39'6 ast. ands. L. W. Remarks on Sunday Jany 24 1819.
1 5 2 5 3 6	1 NW/2WeVe	
4 6 5 7 6 7 7 8	NDW CV	gallant Saids. \ Low bid Reefed the spanker. At y h M set thop go than saids. At It I'M Hurted fore & ming
8 8 9 8 10 7 11 7		top gallant duils. (It. 3 ottos) out with Reefs & set for & migen to a garlant dails. (It & Sent Cologe the fore top mast steering sail Boom.
12 1 2 3 8		set the fore los mast & Lower, see sails. At got of sent lelost the main rogal mast & yastel & set the sail (It meridian sent le for
4 8 5 8 6 8 7 8		the main lop mast & top galling steering sall Booms & sot the sain
8 8 9 7 10 7 11 8	1	Dinner to Day Tea Bye.
12 8 Course N264/		Datitude Obs: 14°32' North. D. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 7' 14°22'cr 14°32' none 1°19'u 132°20'6.

(11	111	(he)	from	1/	1/1/1/ towards (1/1/1/1/1/
Н.	1					Remarks on Chonday Juny 25 18/9.
1	7	1,	N Clay			Commences with a wing Brooms
3	7	/				Weather (11) cost in this in
4	7	,				from in I soke Alabent the White
5	5	1				Sent the men one it to suit
7	5	1				the tob sails, & firsted lot gulland
8 9	5	/				
10	5	1				The Granker My Come
11	5					main the said Louble head de
1	.5	1				Meyon, letisaris to de legid forte
2 3	5	1				This sairs. both most main, & maye
4	5	1				1
5	5	1				Conds ship Gan & Cloury,
7	5					
8 9	5					
10	6			N 8148		
11	100	/				Conner to Lay als Prod & not
Course	1 .	Dist.	Diff. Lat. 1	Den. L. Lat	hy I)	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
1.0	2 1	(,)	122"			11 1 2 11
H. ——	K.		Courses.	Winds.	L.W.	Remarks on Juesday Juny 26 18/14.
1 2	7	1,	er lu			Commences With a Mife Broge
3	7	/				Hown Poyal Gard, and must,
4 5	8					Ul 3 30 Post the Gate inorganing
6	6		200			fund the voiceand, & megen toh
7 8	3		ever u			lopsaid, Of Post sent down to
9	3		· Volting			
10	3					and helt her the for left soit
12	2					I wany & leve Laste
1 2	2		device.		4	With Octobe that the fore lot
3	2				1.	and set it. At youth a rected the
4	2					End will all 2019
5 6	2 3		0 9			Ends. with a Gale & harry
7 8	3		(Fill		1	Wielch employed refig lop Gallans
9	3	/	14			yards rigging Se.
10	3	1			.,	L'inner la Day Fish & Bean
11	3	1				3 dean,
Course	. L	vist.	Diff. Lat.	Dep. Lat	by D.	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
04.49	94-9	12.	- 01			Tol none none 1º 1310/2030 Gest.
						The state of the s

Aliders from	Paleme towards Canton.
H. K. H.K. Courses. Winds. L.W.	Remarks on Wednesday Jany 27118/1.
1 3 / NW. 2 3 / 7 / 7 / 7 / 7 / 7	Commences with a shift. Breeze I Cloudy weather. At 2 Post set the migen lopeart. At 6 the Weather moderate let 2 Preess out of the main topsail.
7 7 1 c V Wyth 8 7 1 10 7 1 11 8 12 8	A let the Reef out of the foresail. and set the Defrantes, & fit. At 11 Post Out all Reefs and set fore toh mast studding sail & handed down the main stay sail. Middle fine Breeze & fair Weather
	Al Total sent alost top Gallant yards, & set the skils, at & others set main top gallant steering said & main top gallant middle & lop gallant staysails. at 10 other took in top gallant steering said.
7 8 9 10 8 11 8 /	Weather Day Bent & Pudding. Latitude Month 19°39' work.
Course Dist. Diff. Lat. Dep. Lat. by D	961 19°39's none 2°30'W 12~20'Gast.
H. K. H.K. Courses. Winds. L.W. 1 9 1 1 2 3 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Commences with Suff Breeze & fine Weather - at Bot of took fore in tap gallant stay sails, and fore top mast steering sail. Middle Very Dark, hauled
7 10 8 10 9 10 10 10 11 9 1 12 9 1	and Double Reefd the topsails, and Louble Reefd the topsails, at 6 etch Bore away and set the foresail.
2 3 4 8 5 6 Las by 7 8	It 10 cscss. saw the Bash. Islands, bearing of Why W. Breeze and a heavy Groß Sea.
	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
c 804207 37 203 20°	16 mone mone 3°3610123446.

(Hilles from Viller	n wards Cantin
H. K. H.K. Courses. Winds L.W. Remarks	on Friday Juny 29 1819.
1 8 Woll Comm	ences with a stiff Breeze
and i	Rainy Weather ist 3 Por
4 9	the heeft the main one
6 7 milest hander	the Mainsuit & heed
The for	fortigen staysarden
10 3	30 MM. The South hart
11 8 7, 1/a	ntery, one of the Bushing
1 8 / WAW Jose E	/2 North.
	the Towally & Kains
4 8 NOVAN. The m	2 meridian Close Reefed
6 7 ! lafedia.	is. Thanded the Muyen
7 8 / Conde	with a Thing Brown
9 6 7	liany weather.
11 5 /	Jinnes to May tall Boy
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by	Oh. Varia. Diff. Long. Long. in Long. by Ob
01834187 23' 186 20°39ix none	none 3º1/10/2002/Cast.
H. K. H.K. Courses. Winds. L.w. Remarks	on Saturday fany 30 th 1819.
1 Comme	noes with a soff Gale & Rainer.
2 3 Whiais	Poll, set the mainsail of minen
4	the Praint & Gold.
6	A Si. the Weather Modera in
8 9 out an israils,	Reeks. und fet ton gallast
10 Ut 60	toll got the want on Park
10 at 100	h mast & Lover studden
sails!	. 4
3 4 his .	Lay Saw a great many
5	fishing Bouls.
1	with Light winds & Thing
8 9	
10	
12	
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by	Ob. Varia. Diff. Long. Long. in Long by Ob.

H. K. W. R. Courses, Winds. L. W. Remarks on Sunday Jany 31 1819 Commonest Williams Weather to Grant on Bridge Stands on Bridge Stands on Bridge Stands on Bridge Stands on March Care Stands on March Care Stands on March Care Stands on March Care Stands on Course Stands on	0	Mia	dan	,	from	1)	(a.jem	towards Canton.
By Bill le Print brane on bound in Long by Ob. Bourse Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Bourse Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Bourse Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law Dep Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law by D. R. Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Diet Law by Ob. Varia	Н.	К.	н.к.	Courses.	Winds.	L.W.	Remarks or.	Junday Juny 31 1819.
Stands in Fight Came to and towns of the first title against us. When I shall Came to and towns of the title against us. When I shall came to and towns of the title against us. It saw a with the land of the came and to and the came and the came of the came and the came of the came and the came of the c							Comment 312	st. a Pilot Came on hor
in Whent I without I without I water it tring markly basis & the tide against the same markly basis & the tide against the same was to same the same was to make the same to make the same to make the same to make the same to same t	5						slands i	in Tight.
11 12 12 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 11 12 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 11 12 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 11 12 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 10 11 12 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	8						in Colon	measty balin & the tide
To and anthorical of chiacoa. in Solution Dist. Dist Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Dist. Long. Long. by Ob.	11	;					at Satt	od got under way wo
H. K. U.K. Courses. Winds. L.W. Remarks on Alenday Febral 1879 12 3 4 5 6 7 8 9 1 1 2 3 4 1 5 6 7 8 9 10 11 12 12 12 13 23 34 55 66 7 88 9 10 10 11 12 12 12 13 23 34 45 56 67 78 88 99 100 100 101 111 122 123 144 155 166 77 88 99 100 100 101 111 120 120 120 120 120 120	2						to and	anchored of oliacoa in
H. K. U. K. Courses. Winds. L. W. Remarks on Alonday Polys 1 1319 Degens with Pleasant Worth on Rove Welfs Chands in the forting want of the worth	5						. Y.	
H. K. U.K. Courses. Winds. L.W. Remarks on Standary February 1819 1 2 3 4 5 6 6 7 7 8 8 9 9 10 11 12 12 12 12 12 12 12 12 12 12 12 12								
H. K. U.K. Courses. Winds. L.W. Remarks on Stonday Febre 17 1819 Degins with Plasant Weather Degins with Plasant Weather My My Caphain Worth on there With Chands in the boat to Cambrian a friend to bear the right hand want the boat on the for the bank sont the boat on the for the bank tain. Conds With fine Weather Conds With fine Weather Conds With fine Weather	11							
Degens with Thusant Weather Att 2 PM the Caption Wont on there with & hands in the on the court to obtain a pridet to Can the inglie tund want the tout on so the inglie tund want the boat on so for the Guhtain. Conds With fine Weather Conds Wi	Course		ist.	Diff Lat.	Dep. La	t. by D	D. R. Lat. by Ob	No. Varia. Diff. Long. Long. in Long. by Ob.
At 2 MM the Captain Wont on there will be hands in the track to abtain a pulet to Cart the night hand sant the boat on the hours. At Hickory sint the boat on so for the Guhtain. Conds With fine Weather Conds Weather C	Н.	К.	и. к.	Courses.	Winds.	L. W.		
on there Will, Ehands en this boat to attain a frist to base the might hand sant that boat the might hand sant the boat on shi for the bast sent the boat on shi for the bast with fine Weather and With fine Weather and the boat on shi 2						Begins	with Thusant Weather	
the night than the Story of the winds and the south of the boat on shirt the boat of	4						on thor's	With Chands in the
8 9 10 11 12 12 3 4 5 6 7 8 9 10 11 12	6						resple to	ampor he stayfed a
10 11 12 1 2 3 4 5 6 7 8 9 10 11 12	8						11/10	Acht sont the bout on se
1 2 3 4 5 6 7 8 9 10 11 12	10						k .	
2 3 4 5 6 7 8 9 10 11	12	i					Ends	With fine Weather
4 5 6 7 8 9 10 11 12	2							
6 7 8 9 10 11 12	4							
8 9 10 11 12	6							
10 11 12								
12								
Course Dist Diff. Lat. Dep. Lat. by D. R Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.		,						
		D	ist)	Diff. Lat.	Dep. Lat	by D	R Lat. by Ob	. Varia. Diff. Long. Long. in Long. by Ob.

C	Mida	1	from	Salem wards Canton
Н.	К. н.к.	Courses.	Winds	L. W. Remarks on Tuesday Fely 2 1819.
1				Commences with fine weather
2				At 1 Post the Captain Game-
3 4				on board the Pilot was on war
5				waiting We immediately got
6				under Wingk. I beat with
.7				at I Post the tide against as
8 9				Came to & anchored in Station
10				weigh & beat up.
11				
12				Ends With a head wind & fin
2				Weather.
3				
4				
5				
6 7				
8				
9				
10				
12				
Cours	e. Dist.	Diff. Lat.	Dep. Lat	t. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
H.	К. н.к.	Courses.	Winds.	L. W. Remarks on Wednesday They 3 1819.
	К. н.к.	Courses.	Winds.	L.W. Remarks on Wednesday They 3 1819.
1	К. н.к.	Courses.	Winds.	Commences With fine Weather.
	К. н.к.	Courses.	Winds.	Commences with fine theather.
1 2 3 4	К. н.к.	Courses.	Winds.	Ommences with fine Weather.
1 2 3 4 5	К. н.к.	Courses.	Winds.	Ommences with fine Weather.
1 2 3 4	К. н.к.	Courses.	Winds.	Ommences with fine theather. At 2 from hassed the first
1 2 3 4 5 6 7 8	К. н.к.	Courses.	Winds.	Ommences with fine Weather. At 2 hm. hassed the first lier of fishing stakes. Ot 6 holy came to and anchored in 5 suthoms to ate.
1 2 3 4 5 6 7 8 9	К. н.к.	Courses.	Winds.	Ommences with fine Weather. At 2 hm. hassed the first lier of fishing stakes. Ot 6 holy came to and anchored in 5 furthoms to ate. Oth 2 of the got under weigh. And beat who At Hotost shore
1 2 3 4 5 6 7 8	К. н.к.	Courses.	Winds.	Ommences With fine theather; At 2 from hassed the first lier of fishing thakes. Ot 6 Both Came to and anchored in 5 pulhomes to ater. Of 2 of high tender traigh. And beat Wh. Of Motost shore
1 2 3 4 5 6 7 8 9	К. н.к.	Courses.	Winds.	Commences With fine Weather. At 2 from hassed the first lies of fishing stakes. Of Both Came to and anchored in 5 fithoms water. Of 2 of Hyer under weigh. And beat Wh. Of Hotost shake her the Menton of the Most on Canton field. Boston Oth 11.30 of M back
1 2 3 4 5 6 7 8 9 10 11 12 1	К. н.к.	Courses.	Winds.	Commences With fine Weather; At 2 from hassed the first lies of fish came to and anchored in 5 futhoms to ater. Of 2 of Myot under weigh. And beat the Of Motos those has menter; to on Canton for Menter the Manton of the Boston Out 11.30 of M beat and anchored the Mines indet it 11.30 of M beat and anchored the Mines indet it 11.30 of M beat and anchored the menter; indet it 11.30 of M beat anchored the menter indet in the Mines i
1 2 3 4 5 6 7 8 9 10.	К. н.к.	Courses.	Winds.	Commences With fine Weather; At 2 from hassed the first lies of fishing be and anchored in 5 fishoms to ate. Of 2 of Myor under weigh. And beat Uh. Of Motos Broke the win mentor: from Canton fish Boston Of 11.30 of M book and the fish work indet. At 12 meridian the lide against the Came to
1 2 3 4 5 6 7 8 9 10 11 12 1 2	К. н.к.	Courses.	Winds.	Commences With fine Weather; At 2 from hassed the first lies of fishing thates. Of Both Came to and anchored in 5 persons to ater. Of 2 of Hyor under weigh. And beat Wh. At Hotost those has to menter; from Canton for the Boston Of 11.30 of M back a hide against the Came to and anchoiced in flations thater.
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5	К. н.к.	Courses.	Winds.	Commences With fine Weather. Of 2 from hassed the first liet of fishing stakes. Of Both Came to and anexored in 5 pathoms water. Of 2 of Myet under weigh. And beat Wh. At Hotost shore the thin Menter: From Canton fit Boston. Of 11. 30 of M book a Miner widet with Came to and ane hored in faithours thater.
1 2 3 4 5 6 7 8 9 10. 11 12 1 2 3 4 5 6	К. н.к.	Courses.	Winds.	Commences with fine Weather. At 2 from houssed the first lier of feshing stakes. At 6 holy came to and anexore in 5 pathones to ate. Of 2 of Hyot under weigh. And beat Who. At Hotostonee the win menter from Canton for Boston At 11.38 of A beat and anchoiced in flathous states. Two Chines tooks in Light of a number of thinese men of thins
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 5	К. н.к.	Courses.	Winds.	Commences With fine Weather. Of 2 from hassed the first liet of fishing stakes. Of Both Came to and anexored in 5 pathoms water. Of 2 of Myet under weigh. And beat Wh. At Hotost shore the thin Menter: From Canton fit Boston. Of 11. 30 of M book a Miner widet with Came to and ane hored in faithours thater.
1 2 3 4 5 6 7 8 9 10. 11 12 1 2 3 4 5 6 7 8 9	К. н.к.	Courses.	Winds.	Commences with fine Weather. At 2 from houssed the first lier of feshing stakes. At 6 holy came to and anexore in 5 pathones to ate. Of 2 of Hyot under weigh. And beat Who. At Hotostonee the win menter from Canton for Boston At 11.38 of A beat and anchoiced in flathous states. Two Chines tooks in Light of a number of thinese men of thins
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10	К. н.к.	Courses.	Winds.	Commences with fine Weather. At 2 from houssed the first lier of feshing stakes. At 6 holy came to and anexore in 5 pathones to ate. Of 2 of Hyot under weigh. And beat Who. At Hotostonee the win menter from Canton for Boston At 11.38 of A beat and anchoiced in flathous states. Two Chines tooks in Light of a number of thinese men of thins
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11	К. н.к.	Courses.	Winds.	Commences with fine Weather. At 2 from houssed the first lier of feshing stakes. At 6 holy came to and anexore in 5 pathones to ate. Of 2 of Hyot under weigh. And beat Who. At Hotostonee the win menter from Canton for Boston At 11.38 of A beat and anchoiced in flathous states. Two Chines tooks in Light of a number of thinese men of thins
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10			j	Commences With fine Wentsers. Of 2 hom. hassed the first lies of fishing stakes. Of Both Came to and anexore in 5 furthernes to ate. Of 2 of My of under weigh. And beat Wh. Of Motostohere the thing menter to om Chanton the Menter with the Boston Of 11.30 of M book and anexored in flathernes that and anexored in flathernes that a number of thinese men of the nest of the nest men of the nest of th
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12			j	Commences with fine Weather. At 2 from houssed the first lier of feshing stakes. At 6 holy came to and anexore in 5 pathones to ate. Of 2 of Hyot under weigh. And beat Who. At Hotostonee the win menter from Canton for Boston At 11.38 of A beat and anchoiced in flathous states. Two Chines tooks in Light of a number of thinese men of thins

10	Mide	7.5	from	(2)	MIMI	towards	Car	inton
H.	К. н.к.	Courses.	Winds:	L.W.	Remarks 111	Thursd	lay Fu	4-15-18-19
1 2 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12 12 Course	Dist.	Diff. Lat.	Dep. La	t. by D	Commence. Al 3: 10 4. Weighed I wingh. (in Conchoted.) (It S who: It ham he in by fait. In Commence.	Inchest of anchor of a Come indian Come When the	came il constitute de la	leighed leigh, and bar at at archola
Course	Dist.	Din. Bat. [Бер. Ба	. 0, 5	. K. Latt by Go. 1	January Date Liong	5. 230ng. m	2018: 07 00
н.	К. н.к.	Courses.	Winds.	L. W.	Remarks on	Market Park		
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8								
9 10 11 12 Course	Dist	Diff. Lat.	Dep. La	t. by I). R. Lat. by Ob. 1	Varia. Dirk. Lon	g. Long. in	Long. by Ob.
		,						

(Fil	ide	11	from	60	inten	towar ds	Besto	71
Н.	K.	H.K.	Courses.	Winds	L. W.	Remarks on	Midnesa	day official	14 15
1						Commen	need With	h Bain 6	115
3						1 mil	Piler	Carrie un	Poard
4						111 121	the bout	Ment Ur	
5						12 1/200	" noth	wired, lih	e Jan
6 7						Night 1	With the	in Cant	Muje
8						-carge all	1.1011	Unmente	2
9 10						droft trea	down	the hive	7.
11									
12									
1 2									
3									
4 5									
6									
7									
8									
10									
11									
Course	e. I	Dist.	Diff. Lat.	Dep. Lat	by D.	R. Lat. by Ob.	Varia- Diff. Lon	g. Long. in Lon	og, by Oh
		1					- Nat 2511	S. Long. III Lon	
	77				1		-/22		
H. ——	N.	H.K.	Courses.	Winds.	L.W.			y Popril.	
1						Commenc	es With	fuit Win	d Sp
3								al 3 Class	<i>7</i> ,
4						to the 1 h	Dall Line	in Mace	n non
5						1 2.4 /	1 . 10 10	tel.	15
7				All de Imperior de la constantina della constant		11 8 p	Milhe	Wind and	tixe
8						Chead (Game To	& uncho	red in
10						5 fathon	w Wate	2. , .	
11						/			
12 1									
2									
3 -									
5									
6									
7 8									
9							1		
10									
11 12								,	
Course	. 1	Dist.	Diff. Lat.	Dep. Lat.	by D.	R. Lat. by Ob.	Varia, I Diff. Los	ng. Long. in Lon	g by Ob
	1	i	1				2	-5. 1 23 mg. m 23011	5. 0y 00.

6	1/1	des	1	from	ti	mit	on	towa	ards (Box	076 .	-
H.	K.	н.к.	Courses.	Winds.	L.W.	Remarks	on	Fire	lay 1	april	16:15	9
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3						Ab Sel (Al Land) Solan Solan	Jail Jone more le Contrade de la	tost.	Weight of the	fore fore Lade. 13:- 4	and East om m Tone 6' Not 5 Eus	hich
4 5 6 7 8 9 10 11 12 Cour	5 4	Dist20	Diff. Lat	16	at. by D	End & J R. Lat.	by Ob.	Varia. I	Siff. Long	Long. in	Long. by	
	5		P\$ 10°	s. Winds	L. W.	Com	mena Vensan	to 11.	ith Conther	Set.	Bireze	
1	0 4 1 2 1 2 3 4 5 6 7 8 9	6.66 5 4 4 4 4 4 4 4 5 5 5 4	Sist	·W.		X Set	the ring r	Start.	Shaw Shaw	Priceze	loh ga toh ga The	fib.
1 22		4 Dist	Diff. I	at. Dep. 2:1 58'	Lat. by	D. R. L	at. by Ob.	Varia.	Diff. Lo	ng. Long.	in Long.	

	3.674	1	(Vis	fra	m	Cantomowards Beston
H.	1		Course			
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4	5 5 4 4 5 5 6 6 6 6 6 6 6 5 44 1	1	of by let	180	inds t.	Remarks on Sunday & Siril 18 1819 Commences with Light Winds & Bleasant Westher? While suit tel: While is moderate Breeze & Pleasant Weather? Al 11 Post handed in the main top main top mast steering said.
!	12	4	1.55	45'	1703	Ends with Peasant Weath
H. 1 2 3 4 5 6 7 8 9 10 11 12 1.	4455666666665		S/W	8 c	VE	Remarks on Nonday office 19. 1819 Commences with Light Winds, Pleasant Weather. At 8 Post haused in the Loce, braces, & look in all steering sails. Ends with Light Winds, & Pleasant Weather.
7 8 9 10 11 12 Course.	4444444333 Biss 110	; it. 1	Fig 200	Dep.	Lat. by 1	D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob. 56' 16° 05 ch none 4° 40' 110°58 Cast.

Midas from Gan	ton towards Boston
H. K. H.K. Courses. Winds. L.W. Remo	orks on Juesday April 20 11/
1 3 S. Sely & Con 2 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	nmences, with Light Winds,
5 4 8/2 6. her Courses	Piddié part the Same.
10 4 1 11 4 1 12 4 1 1 3 Strigs the	t 8 ct ost. laiked whip to
4 2 / 5 2 / 6 2 / Silen 7 2 8 2	ds With Pleasant Weather.
	Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
S1010 67' 10.05 10' 15000'cs.	
	arks on Wednesday offici 21' 1819.
24	Pleasant Weather,
3 3 1 Swhy provided a	1 4 Poll tacked Ship to
7 4 1 th.	e of West.
9 3 10 4 PWest 11 4	of gott M. Saw Land.
12 4 Sw/200 be	aring W. S. W. which was
2 4 1 6 6 6	1. with a sine Breeze
6 4 7 3	o Pleasant Weather.
8 3 / Sevyar 10 5 /	
11 5 /	Latitude Obs 14° 32'0
Course. Dist. Diff. Lat. Dep. Lat. by D. R. 837473' 58' 43' 14° 46'	Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 14° 32' none 44'11 110°04'

H. K. M. Courses. Winds I. W. Remarks on Therestally officed 22 (1) 1 4 1 1660 Regime with moderate Propy 1 6 8 9 1 6 9 1 6 9 1 6 1 6 1 6 1 6 1 6 1 6 1		· C	Wi	ille	7.1	from	6	Canton towns Buston	•
So to the Sant Started the Solution of States of Started the Solution of Started the Start		Hi.	K.	н.к.	Courses.	Winds	T. W.	Remarks on Thursday offired 22 1	9/3
Law a number of holding holding have a mumber of holding holdi		1		1	16 /21			Begins with moderate Breeze	
Law a number of holding holding have a mumber of holding holdi		3		/	Flitas	f		L' Peasant Weather.	
Boals Bo		4	5	,	6. 9			.)	
10 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /		6	3	1	,	2		Claw a mamoer of histing	
10 2 1 12 2 1 6.3 8 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 2 1		7	13	•	Elest 4			Boats	
1 2 3 4 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		9	2					(11 1 Poly tacked this to	
1 2 3 4 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			2	1				the Gastinard.	
to the of yest. I look in They wills. They will of Stare the Land in Bearing from Wheel to State Bearing from Wheel the State Bearing from Wheel to State Bearing from Wheel		12	2	1	6.56				
A 3 / Mich of Bearing from 16 June 1 Long to 6 3 / Block of the Land Bearing from 16 June 1 Long to 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2	3						
Bearing from It for Land by the Land Bearing from It for Land by the State of the Land by the State of the Land by the State of the Sta				1					
Bearing from the post to Shape		5	3	1	All will			2	
10 14 1 Phint her Log & omiles Lat Obse 14° 02° 18° 20 Progres. Dot Do		6 7		1	(it I AM saw the Land	
10 14 1 Phint her Log & omiles Lat Obse 14° 02° 18° 20 Progres. Dot Do		8	3	/	Flori 4			Bearing from Wheel to She &	lu.
Dit Dist. Lat. Dep. Lat. by D. R. Lat. by Oh. Varia Dist. Long. in Long. by Ob 11/4 45 45 11 13°4 11, 22 none or 1 110°08 Cast H. K. H. K. Courses. Winds. L. W. Reverks on Friday office 23 1819 1 1 1 10°08 Cast Begins, with Moderate Briege Reverks on Friday Office 23 1819 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		10		1	0.1				
B. K. A.K. Courses. Winds. L. W. Reverks on Friday office 23/1919 1 1 1 1008 Cart B. K. A.K. Courses. Winds. L. W. Reverks on Friday office 23/1919 1 1 1 1008 Cart Begins, with moderate Breeze Cloudy Weather. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11	. 4	/	Ald not	her bo	\$ 80	imiles Lat Ongo 11. 02's	7
H. K. H.K. Courses. Words. L.W. Remarks on Friday office 231819 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- ')	0,11,4	. I	Dist.					
Begins, with Moderate Breeze Re Cloudy Meather. Related the Royals, State 1 Thing file. Office of migen to a gallant sail. It is at the top palant sails. Office of all set the Royals At it is of all set the Royals At it is of all set the Royals Office of all set the R	10	f/0	4	5	45	1' 1.	304,	~ 11,022 none 0. 1' 110.03 Gast	
Conds with Pleasant		Н.	K. :	н.к.	Courses.	Winds.		Paralla a ifi 11 ' aa 1211	
1 (1) (1) (1) (1) took in Royals, styling fit. 10 3 1 10 3 1 12 3 1 14 1 15 1 16 1 16 1 16 1 16 1 16 1 16 1 16							L. W.	Remarks on Diriday Office (23/1/1)	
Shiping fit. Shiping fit. Middle Squality. 10 3 1 12 midnight furted the fore Line or Line of gatlant Inch. 12 3 1 1 1 1 1 1 1 1 1 1	- 1	1	1			77 078123		Begins with Moderate Breeze	
OMiddle Squally. OMiddle Squally. OMiddle Squally. Of 12 midnight firsted the soir School of gallant soil. Of 5 of Met the top gallant soil. Of 5 of Met the top gallant soil. Of Gods with Pleasant Ounds with Pleasant Ounds with Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. [Varia] wiff. Long. Long. m Long by Ob.		1	11/14	//				Begins with Moderate Breeze	
10 3 1 11 3 1 12 3 1 12 3 1 14 1 tehe Condis with Dieasant Weather. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. in Long by Ob.		1	44	//				Begins with Moderate Breeze	
10 3 1 11 3 1 12 3 1 12 3 1 14 1 this Soir Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. in Long by Ob.		1	44	//	Hallet			Begins with Moderate Breeze Ve Cloudy Weather, Royals & Alying fish.	
12 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	144444	//	Hallet			Begins with Moderate Breeze Ve Cloudy Weather, Royals & Alying fish.	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3 4 5 6 7 9 0	144444	//	Hallet			Begins, with Moderate Breeze Re Cloudy Weather, While took in Royals Thing fib. Middle of Igually.	
Sails. Sails. Sails. Conds with Dieasant Weather. Lat Dep. Lat. by D. R. Lat. by Ob. Varia wiff. Long. in Long by Ob.		3 4 5 6 7 3 10 11	1444433333	//	Hallet			Regins with Moderate Breeze Proudy Weather, While took in Royals Thing fit. While I squally.	
Cond.s with Reasont 10 1/4 1/ 11 1/4 1/ 12 1/4 1/ Cond.s with Reasont 10 2/4 1/ Lat Dep. Lat. by D. R. Lat. by Ob. Varia wiff. Long. Long. in Long by Ob.		3 4 5 6 7 3 10 11	1444433333	//	Opr Es			Begins with Moderate Breeze Producty Weather, While the took in Royals Thisdale I squally. Of 12 midnight firsted the yore Friezen to a gallant de	0 11
Cond.s with Reasont 10 1/4 1/ 11 1/4 1/ 12 1/4 1/ Cond.s with Reasont 10 2/4 1/ Lat Dep. Lat. by D. R. Lat. by Ob. Varia wiff. Long. Long. in Long by Ob.		3 4 5 6 7 3 10 11	1444433333	//	Opr Es			Begins with Moderate Breeze Producty Weather, While the took in Royals Thisdale I squally. Of 12 midnight firsted the yore Friezen to a gallant de	0 11
Cond.s with Reasont 10 1/4 1/ 11 1/4 1/ 12 1/4 1/ Cond.s with Reasont 10 2/4 1/ Lat Dep. Lat. by D. R. Lat. by Ob. Varia wiff. Long. Long. in Long by Ob.		3 4 5 6 7 3 10 11	1444433333	//	Opr Es			Begins, with Moderate Breeze Por Cloudy Weather, Royals Whing file. Whildhe I squally. Whildhe I squally. White Smigen bot gattant due with 5 of Mat the top gattant.	0 11
Conds with Theasant 10 11 11 11 12 14 1		3 4 5 6 7 3 3 10 11 12 1 2 3 4 5	444441333334444	//	Opr Es			Begins with Moderate Breeze We Cloudy Weather, Will If (Dell took in Royals Thising fit. While I squally. Wildle I squally. White Similar to gallant in ails. With got off het the Royals	0 11
11 / 1 / 12 / 1/ 12 / 13° 36'cs Correct. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long by Ob.		3 4 5 6 7 3 3 10 11 12 1 2 3 4 5	444441333334444	//	Opr Es			Begins with Moderate Breeze We Cloudy Weather, Will If (Dell took in Royals Thising fit. While I squally. Wildle I squally. White Similar to gallant in ails. With got off het the Royals	0 11
12 / / / / / / / / / / / / / / / / / / /		3 4 5 6 7 3 3 10 11 12 1 2 3 4 5	444441333334444	//	Opr Es			Begins, with Moderate Breeze We Cloudy Weather, Royals Whising fit. While I squally. Whitele I squally. Whitele I squally. With 12 midnight furted the yor & migen to a gallant in ails. With 5 of Mat the top galla	0 11
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.		3 4 5 6 7 3 3 10 11 12 1 2 3 4 5 6 7 8 9 9	444441333334444	//	Opr Es			Begins, with Moderate Breeze Roudy Weather, Royals , While I Wolf took in Royals , while I willed the Winder of gallant in the soir & migen by a gallant in airls. Of got off the the top gallant in the soir of off of the the Moyals of the Goods with Pleasant	0 11
13 16 11 37' 60' 13° 25' 13° 36 none 1° 028 111°05		3 4 5 6 7 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	444441333334444	//	Opr Es			Begins with Moderate Breeze Re Croudy Weather Book in Royals of the While of the Royals of the Property of the Soir Some Semigen both gattant the Cold of the Royals with Theasant weather.	0 11
		3 4 5 6 7 3 3 10 11 12 1 2 3 4 5 6 7 8 9 10 11 11 12 12 13 14 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	14411133333111111114444444444		Const.	Sin to		Begins, with Moderate Breeze Re Cloudy Weather. Of 16 (Politicok in Royals, Third he Squally. Of 12 midnight furted the yor & migen to h gallant in ails. Of got off, het the Royals Softying fit. Conds with Pleasant Weather. Lat Our 13.36'd	0 11

elliders from Counton towards Bostone.
H. K. H.K. Courses. Winds. L.W. Remarks on Saturday officile 1819.
1 14 SEbyE 1 Begins with sine Weather.
3 5 864.676
1 5 5 1 Middle hart the chime
6 5 1 56148 1 1 11dans part
8 5
11 5 12 5 at 3 Poll surved the Royal
1 5 Seight
3 4 1 1.16/26 At 2 ot-of frequent squares
4 4 5 4 Swited the los gallant Jails
6 4 Pouble Reefed the sore & single Reefed the soils.
8 4 ht y suffe 1 (beef out of when
10 4 fore top sail & set of
11 5 16/25 (at 16 ctor out Cleans & set the Bigan
Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
4568 109° 1°-00 90 12°36' 12°39' none 1°036112°38'
H. K. H.K. Courses. Winds. L. w. Remarks on Junday Maril 25/8/9.
1 5 1 88 1 Begins with Stiff. Breeze & fing
Weather at the Mostward & furted the riogan
5 4 W/2N at 7. ON Single Cleefed the for.
5 main top Sails. At took in top gallant sails.
8 4 9 3 11. Della Double Roughed the
10 3. Jose top sail. at 5 AM. Short
12 4
2 3 1 Of got of tacked ship to SSE.
4 3 W/W Out There for &
5 3 Set the fore & mixen top
7 3 gallant Garis.
8 3 1 Cal Cather Weather Breeze & fine Weather
10 3 / SElys Weather.
14 4
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. Solve 28'

('	Illi	11%	/	from	((illiter cowards Buston
n.	K.	н.к.	Courses.	Winds	E. W.	Remarks on Wonday offil 26" 1819
1	4		Stys	Sin	The same of	. Do ins with fine Breeze & Preasant.
3	4		S East.			Weather's the 11 2011. the m. Ja
4 5	5					it Con the lett gullant mast head
6	5	1	021 1	,		to the Westward. At T. Poll single
8	6		20 trees		1	rested the to remits. Ut 11 211 furled
10	4	1	West.		,	the top garlant dails. & Louiste
11 12	4	,				Theora. the fore lot dail.
. 1	3	1	21 byel			Misdelle Found Lly.
2 5	3	1				V Snanker . & Set the fore lot how
4 5	3	1	west.		1	May sail. It 2 A all Sent down rays
6	3	1	10 G11.			The of M. hanted down the sings
8	2	/				Visit the git Shanker. & long grave
9	2	1	S East.			10 of M. Set the stiging fit. h
11	2	1.	88/25.			Latitude Chan 12.31'cl
Cours	e. I	Dist.	Diff Lat.	Dep. L	at. by D.	D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
f5.	310 3	3/'	16	28	12°23	3' 12'31's none. 29' W 181'40' 109' 59'60.
H.	K.	н.к.	Courses.	Winds	. L. W.	. Reverses on Tuesday officel. 29th 1819.
1	5	1	86/46	SSU	9	Begins, with Stiff Birege & Pleasant
3	5	1				Weather. At 4 Poll tacked ship to the Westward.
4. 5	5	1,	W/208			at 7 Poll Single Beefed the topsails,
6	5	1				at 5 Holl Shook out. Reets,
8	6	/	Wy cs			at 6 AM Sent aloft the main
19	5					& fore Royal masts & yards, & set
11 12	2	1	10 ty 5/23			the sails. at & of the tacked Ships
1	3					at 10 tasked again.
3	3	/	Why 8			
4 5	3	1	west.			Ends with Light Winds & pleasant Weather.
6	2					
8	1	1		•		
9 10	0	,				
11 12	2	1	State			Latitude Chard 12°20'd
Cour	Z	Dist.	Diff. Lat.	Dep. I	at, by D	D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.
86,	100 3	2'	22'	46	12.0	19: 12°20 none 47' 110°53'Gast

H. K. W. R. Courses. Winds. L. W. Remarks on Medinessay of fire 28 184 1 3 1 5 184 1846 Begins with moderate Briege & Begins with moderate Briege & Begins with moderate Briege & Begins with Medical In the Minister of Content of the Medical Briege Briefs and Medical Briefs and Briefs with Medical In the Minister of Medical Briefs with Medical Briefs and Briefs and Briefs and Briefs and Briefs and Briefs and	Mides	from (antent towards Bestern
and, Monther set 3 Pill saw to Some South of the second prime Bridge for canten. At 5 Is all lacker the 5 to 1 st.	H. K. H.K. Course.	s. Winds. L.W.	. Remarks on Wednesday offini 28 1/54
Country from the Stock lacker field of the Stock lacker field field the Stock lacker field f	2 4	Sty 6	ant. Weather ist 3 Dill saw a
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 4 5 4 whys		for Canton. all 5 for Al. lacked
Brace W 5 of Med all Steering south years the Migen Royal Mark & Years the Jack South South of the Migen Royal Mark & Years the Jack South South of the Migen Royal Mark & Years the Jack South South of the Migen Will South	7 3 5623 8 3 Styl	West.	
Mark Sylaid Stell the Said. Landles on with all the sky said. W. Sotos of the said. W. S	10 / /		Braces. Of 5 ot of set all steering doils. & Sent adort the migen Roya
Testing facts upon. The first upon. All I ctall filed Thep. The first winds and flassant. Weather. Course Dist. Dist Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Dist. Long. Long. in Long. oy Ob. P35/10 39 33 20 11 1/7 11 35/5 none 21 1/1 10 35/4 H. K. B. K. Courses. Winds. t. w. Remarks on Fruitiday affects 20 1/1 819 1 / Ely 5 8.84			with all the sky sails. Wit Sotos
Course Dist. Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. Course Dist. Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Cong. in Long. by Do. Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Do. Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Do. Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Do. Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. by Do. Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. by Do.	5 1 1		Secting fails. at antill let all
Course Diot. Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. oy Ob. 11 12 13 14 15 16 16 16 16 16 16 16	8 3		at Hotall fibed Ship.
Course Dist. Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. oy Ob. \$35'10 39' 33' 20 11' 12' 11' 35'14 none. 21' W 110'32 Last H. K. U. K. Courses. Winds. L. W. Remarks on Trustalay attrict 29th 1819 1 Sty S S. Ph. Byons with Moderate Brings & Prince & Pr	10 / /	6 og eV	pleasant. Weather.
H. K. U.K. Courses. Would. L.W. Remarks on Thursday athiri 29th 819 1 1	ורן		D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
Reasont Wouther. (1 30/1) Min (1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parole 20' 32'	90 110	1 1 110 35' none. 21'W 110°32 East
Sourse Dist Diff. Late Dep. Late by Ob. Varia. Diet Long. in Long. in Long. by Ob.		Marie That Development and the Annual State of	
The state of the s	H. K. H.K. Course 1 1 2 8hy .5	es. Winds. L. W.	Begins with Moderate Breezes &
orth the fore & Main long gathant It / / It	H. K. H.K. Course 1 1 2 2 3 3 4 2 1 8 by 5	es. Winds. L.W.	Begins with Moderale Breezes & Pleasant Weather. Alt J'30'sim in Will Meering fails. For aced What Share, & Rigged in the Booms.
main long mast, & logs gallant. Slaysdils. Al 4 ct M set the main lofe, mast & Lower steering sails. Mosth ONOTH ONO	H. K. H.K. Course 1 1 2 2 3 3 4 2 1 5 2 6 1 1 South 7 2 1	es. Winds. L.W.	Remarks on Thursday other 129th 1819 Bugins with Moderate Privezes & Pleasant Wouther. At 1 30 in m in Will steering sails. For aced Who sharp, & Rigged in the Booms. Of TPW hauted in the Weather
mast & Lower steering sails. ONorth ONorth ON orth On	H. K. H.K. Course 1	es. Winds. L.W.	Remarks on Thursday other 29th 1819 Bugins with Moderate Brivers & Pleasant Wouther. At 1 30 in m in Will Meering fails. For aced Who sharp, & Rigged in the Booms. At 2 Poll larked Ship. At 7 Poll hauled in the Healther Briases. & set the fore top mash with the fore & main top gallant steering sails. It G Doll set the
Staysails. Oit 10 tost feited strip. 8 2 9 2 10 2 11 3 12 3 Course. Dist. Diff. Lai. Dep. Lat. by D. R Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	H. K. H.K. Course 1	es. Winds. L.W.	Remarks on Thursday otheri 29th 1819 Busins with Moderate Privers & Pleasant Wouther. At J. 30's m in all seering fails, & raced who sharp. & Brigged in the Booms. Of 2 Poll lacked Ship. Of J. Poll hauled in the Weather Braces. & set the fore top mast outh the fore & main top gablant Steering sails. Ut & Foll set the main low mast, & top gallant.
10 2 / 11 3 12 3 Course. Dist. Diff. Lat. Dep. Lat. by D. R Lat. by Ob. Varia. Diff. Long. in Long. by Ob.	H. K. H.K. Course 1	es. Winds. L.W.	Browns on Thursday others 29" 1819 Browns with Moderate Breezes & Pleasant Weather. At J'30 pm in litt steering sails, for aced Who sharps, & Rigged in the Booms. Ot 2001. lacked Ship. Ot 7 PM hauled in the Weather Brases. & set the fore top mast with the fore & main top gathant steering sails. It & Post ine main long mast, & top gathant. Staysdiss, Ut 4 of M set the main lope mast & Lower steering sails.
Course. Dist. Diff. Lat. Dep. Lat. by D. R Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	H. K. H.K. Course 1	es. Winds. L.W.	Begins with Moderate Breezes & Pleasant Weather. (It I 30's m in litt steering sails. & raced who sharp, & Rigged in the Booms. Of 2 Poll lacked Ship. Of TPM hauted in the Weather Braces. Set the fore top mast with the fore & main top gathant steering sails. Ut & Poll set the main top gathant. Steering sails. Ut & Poll set the sails of gathant. Staysails. Of the hauted down the staysails. Of 5 of M. hauted down the staysails.
16620 1.2' 42' 1. 10°53' 10°38'es mono 4 10 28 Gast.	H. K. H.K. Course 1	es. Winds. L.W.	Begins with Moderate Brieges & Pleasant Wouther. At J'30'som in Will Hearing sails. & raced who what, & Rigged in the Booms. Out 2 Post hanked in the Wenther Out J'Post hanked in the Wenther White fore & main top gathant with the fore & main top gathant steering sails. Ut & Bost set the main long mast, & top gathant. Al of M set the main long mast & Lower steering sails. Out 5 of M. hanked down ing staysails. Out 10 tost fixed ship. Conds With Light Winds.

	01	Hil	(1.5		from	1.0	mlon	towards	Bestern
H	[.	K.	H.K.	Courses.	Winds	L. W.	Remarks on	Fariday	office 30. 1819
	1	2		South.			Begins 11	sth m	odvinte Brooze
	2	2	1	S /4 40	6046		& Reason	1 Miai	their .
	4	3					1 / .		ced in the 1 co
	5	3					braces &	took in	the los main
	6 7	3					Toh mast	So lose	galland steen
	8	3					Lails.	1 (1	
1,	9	2		15:00	6.16		Middle	hart	halm.
41	0	2							
-	2	1					al Sofe	M. Bir	mast steering
	1	t.a.	100				in the for	ir lon	mast steering
	2 3			Thy W.			CALLIA.		
	4	2		Jug W.			Ends We.	1h 1-1	ght Winds
	5	2	1	Sesti.		·	Sections.	nt Viteu	other -
	6 7	2	1				13:		.7
	8	2	/				here being	i sa mui	he diegerence beta
	9	2	1				dead B.	e the Case	account or butte
91	10	2					March Cleron	ung is on	account of turke
	2	2						Zaki.	de for Otrogo20
Co	urse	.] I	Dist.	Diff. Lat.	Dep. Lat.	by D.	R. Lat. by Ob. Va		
J.	100	10 3	7	50	15 9		is 9°29's no		
E	I.	K.	н.к.	Courses.	Winds.	L. W.	Remarks on a	Patur day	May 6" 1819.
	1			· f West.					
	2	1	1	7 72					f Winds, &
	3	2					Measant	Micalhor	t & Tory Waim
	5	2		J.F.W. 24	٠.			,	
	6	2					Middle ju	art the	Pame.
	7	1	1	1.110.			18 2 at	all stone	area the yards
	8 9	3					Street will	y Aleccio	and the spares
11	10	3	1				3 244 88.08	(-)	y course.
81	12	3	1				0	1) ?	
1	1	2	1	of by W.	GOVE.		Onds with	18 leas	and Weather
	2	2	1	C '			Will arter	ing dies	S. set
	3	3					,		
	4 5	3	1						
	6	3	1						The district of the second of
	7 8	4	1						
	9	4	1	,					
	10	5							
	2	4						17	600
1	urse	14	Dist.	Diff. Lat.	Dep. Lat	by D	R I I at his Ob 1 37		Oh 8º49'cs
1	189				22' 8	29	R. Lat. by Ob. Va	aria. Diff. Lo	ng. Long. in Long. by Ob. 109'505.
		1'					0 4.9 m	23	Jug supart.

Mides	from Canton towards Boston
	Winds. L.W. Remarks on Innday Alay 2 1819.
1 3 1 Stry 81 2 3 3 4 3 5 2 1 South	Begins with moderate Breeze to leason menthics (It I III Some the Took in the royals, and led down the line of Staysaits, set them will again momentate the
7 / 8 / 9 /4 10 66 11 7 12 7	in steering sails, Royals, Steysails, ships ails, ships of the Royals and the sport of the starbourd main lots mast, to top gallant steers of suits. at 8 Post hausted in the hoe
6 3 /	Rigged in the Lee Booms, Middle fine Breeze & Pleasant ESE. Latter Part Squally With heavy rain, taking in & Jothing steering.
11 2 1	overthe dails, & Bracing the ifulds, Birst on one lack & Hier on the Office. Sind the find so ends funday. with a sea Oge for Linne? Latthode 34" 7"39 Note. Dep. Lat. by D. R. 1. 11. by D. Varia. Duf. Long. Long. in Long. by Oo.
Руч 83' 1°22 Н. К. и.к. Соигы	9' 7'276 7'39'er none. 10'18 109'40'Cost.
2 2 / 3 / / 4 / / 5 2 / Suce	3 200 94
7 3 8 4 9 3 10 2 / 11 / /	ESE. Ult 6 (Po M. Set them again. al g. Po M. in steering saids. al Joseph Braced up on the
1 / 2 / 3 / 4 / 5 6 Calo	Ends with Light Winds &
8 9 1 1 Sely 11 2 1 12 2 1	Loshitude Obsert 7°25. Vist. Dep. Lat. by D. R. Lat. by Db. Varia. Dist. Long. Long. in Long. by Dh.
F1011 33' 32	

	11/1	de	N.S	from	Ca	anton wowards Proston
Н.	K.	н.к.	Courses.	Winds	L. W.	Remarks on hiesday allay 4" 1819.
1	2		·f.16.	of21		Begins with Light Winds & Glass
2 3	2	. /				Weather. at 5 Poll. Squared the
4 5	1					gately (it Tothe set all shore
6	/		1/2/16			main top must & Lower stook
7 8	1					loh must & och pattant Mering
. 9	2					Sails. & Baced teh. It 5 of all
10 11	1	1		-		steeling sails, (15 Gold love dear
12	Cal	21				The foat & tried the Curient. I found it setting about I Bind
1 2						to the I to don't a som all
3						Steering sails & Fraced Wie.
4 5						Ends Galin & Very Waim
6						Chas Carm of long warm
7 8						
9						
10						
12						Latitude Olse 7º10's
Course		Dist.		,		R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
153	6 1	15'	15			1'05 7 10'05 none. 1 6 109'35 Cast.
Н.	K.	H.K.	Courses.	Winds.	L.W.	Remarks on Wednisday ellay 5th 1819.
1	1	1	1.56.	S'West		Begins with sight Winds &
2 3	/	1				Oleasant Weather.
4 5	1	1				
6	2					Middle Part the Same.
7 8	2 2 2 2	1				Troud to Court of the state of
9	3	/				·
10 11	3					
12	3					and do Ends.
1 2	14					
3	3	1				
4 5	3					
6	3					
7 8	2	1				
9	2	1				
10 11	2 2 2 2 2	1				
12						0 00
	2	1		1		Fratitude Obr 613'as
Course 125) Dist.	. 1	1		R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.

C	Mi	de	LS	from	6	anton towards Boston	
Н.	К.	H.K.	. Courses.	Winds.	L.W.	Remarks on Thursday May 6 11.1	819.
1 2	3		Sly 6	86		Commences with Light Winds	
3	3					& Measant Weather,	
5	3	1	South			0 42 0	14
6 7	3 2	1	SSW			To continues through in whole 24 Hours.	ne
8	2	1		•		hours.	
10	2	/				al 8 of M. Sounded in	
11 12	3	/				60 fathoms. Water.	7
	3	/					
	3		S.fW%	'll'		Ends with bight winds &	0
5	4		Sly W.			Reasant Weather	>
	4						
	3		S/2 E.				
10	3	1	South.	0.9 Pax			
12	3	0.00	South			Latelade Obsain 4. 3	9:00
Course of 6 W	2 7		Diff. Lat.			1'08 4' 39' none 8' 109°54.	y Ob.
101 000	1						1.2
	-					and the state of t	
Н.	К. н	f. K.	Courses.	Winds.	L. W.	Remarks on Friday May. 7th 1819.	
H.	K. H	f. K.		Winds.	L. W.	Remarks on Friday May. 7th 1819.	
H.	К. н	f. K.	Courses.	Winds.	L. W.	Remarks on Friday May. 7th 1819. Begins with right Winds & Measant Weather	
H. 1 2 5 4 5	K. H	1. K.	Courses.	Winds.	L. W.	Remarks on Friday May. 7th 1819. Begins with right Winds & Pleasant Weather. Middle Cart the Same.	
H. 1 2 3 4 5 5	K. H.	1. K.	Courses.	Winds.	L. W.	Remarks on Friday May. 7th 1819. Begins with right Winds & Pleasant Weather. Middle Cart the Same. Of & of M. lucked Ships	6
H. 1 2 3 4 5 6 7 8 9 2	K. H.	1. K.	Courses.	Winds.	L. W.	Remarks on Friday May. 7th 1819. Begins with right Winds & Measant Weather. Middle Cart the Same. Of & of M. lucked Ships of the Utestinarie.	
H. 1 2 3 4 5 6 7 8 8 9 10 11 2	K. H. 44333333333333333333333333333333333	1.K.	Courses.	Winds.	L. W.	Remarks on Friday Slay, 7th 1819. Begins with right Winds & Measant Weather. Middle Gast the Same. Of & of M. lucked Ships of the United Ships of Sounded and Found 50%	
H. 1 2 3 4 5 6 7 8 8 8 9 10 11 12 1 1 2 1 1 2	K. H. 44333333333333333333333333333333333	// // // // // // // // // // // // //	Courses. Jon 6 Sty E/k & South	Winds.	L. W.	Remarks on Friday Slay, 7th 1819. Begins with right Winds & Pleasant Weather. Middle Gart the Same. Of & of ch! lacked Ship of the Utestivaria. Journded and Found 50 Yar	thomes
H. 1 2 3 4 5 6 7 8 8 8 9 10 11 12 1 1 2 1 1 2	K. H. 43333333333333333333333333333333333	// // // // // // // // // // // // //	Courses. Jon 6 Sty E/R E	Winds.	L. W.	Remarks on Friday Slay, 7th 1819. Begins with right Winds & Pleasant Weather. Middle Part the Same. Of & of M. lucked Ship of the Mestivard. Founded and Found 50 fair of Whiter. At 11°30 a heavy Towall on Skysuils. Royalla. Congultaries	thorns
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 1 2 1 2 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1	K. H. 44333333333333333333333333333333333	1. K.	Courses. Jon 6 Sty E/k & South	Winds.	L. W.	Remarks on Friday Slay, 7th 1819. Begins with right Winds & Pleasant Weather. Middle Gart the Same. Of & of ch! lacked Ships of the Westir and Jounded and Found 50 fair of Water. Of 11:30 a heavy Towall in Skymits. Royalls. Congultant of lying fit. & Spanker! land de	thorns
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	K. H. 44333333333333333333333333333333333	1. K.	Courses. Fir 6 Sty E/k E South. Sky E.	Winds.	L. W.	Remarks on Friday Slay, 7th 1819. Begins with right Winds & Pleasant Weather. Middle Fast the Same. Of & of M. lacked Ships the Sound. Ine Mestivard. Jounded and Found 50 fast of Water. At 11:30 a heavy Tomatic of Which with the Sugaritis. Royalis to hyuland for yelling fit. & Spanker tond do Regal the topsails.	thouse food
H. 1 2 5 6 7 8 9 10 11 12 1 2 5 6 7 8 5 6 7 8 8 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	K. H. 44333333333333333333333333333333333	1. K.	Courses. Sty 6/2 & Sty 6/2 & Sty 6. Sty 6.	Winds.	L. W.	Remarks on Friday Slay, 7th 1819. Begins with right Winds & Pleasant Weather. Middle Gart the Same. Of & of ch! lacked Ships of the Westir and Jounded and Found 50 fair of Water. Of 11:30 a heavy Towall in Skymits. Royalls. Congultant of lying fit. & Spanker! land de	thouse food
H. 1 2 3 4 5 6 7 8 8 8 8 8 9 10 11 12 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	K. H. 44333333333333333333333333333333333	1. K.	Courses. Sty 6/2 & Sty 6/2 & Sty 6/2 & Sty 6. Sty 6. Sty 6.	Winds.	L. W.	Remarks on Friday Slay, 7th 1819. Begins with right Winds & Pleasant Weather. Middle Fast the Same. Of & of M. lacked Ships the Sound. Ine Mestivard. Jounded and Found 50 fast of Water. At 11:30 a heavy Tomatic of Which with the Sugaritis. Royalis to hyuland for yelling fit. & Spanker tond do Regal the topsails.	thouse food
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 8 8 8 9 9 2 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 2 1	K. H. 44333333333333333333333333333333333	1. K.	Courses. For 6 Shy 6/2 6 Shy 6. Shy 6. Shy 6. Shy 6. Shy 6.	Winds.	L. W.	Remarks on Friday May 7th 1819. Begins with right Winds & Measant Weather. Middle Part the Same. Of & of ch! lucked Shift of the Utestivaria. Jounded and Found 50 fair in Thyswils, Royals, Congultant flying fit. & Spanker and de Regal the topsails. Conds with Cloudy Weath Latitude the 3° 32.	thous for the
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 5 6 7 8 9 10 11 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	K. H. 44333333333333333333333333333333333	1. K.	Courses. J. 16 Sty E/k & South. Shy &. Shy &. Shy &. Diff. Val.	Winds.	L. W.	Remarks on Friday May 7th 1819. Begins with right Winds & Measant Weather. Middle Part the Same. Of & of old lacked Shift the Manne. Ounded and found 50 fat in The Winter. Of 11'30 a heavy Town 18 in Theyouth, Projects, long attant flying fit of Shanker and de Reofd the topsails. Conds with Cloudy Weath	thous was

()	1/1	ide	7.1	from	(%	111611 towards Bustice
н.	К.	н.к.	Courses.	Winds	L. W.	Remarks on Salurday of Say 1819
2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 10 10 10 11 11 12 10 10 10 10 10 10 10 10 10 10 10 10 10	3 2 2 2 3 2 2 2 3 4 4 3 2 2 3 3 2 2 2	1/11 ///	Josh South	100		Begins with moderate neuther! At I Post ou! Creeks & sold att sail. All y Dost lacked to the Middle Colin. All Jolest sounded in 50 solling of 18 alo. All Jolest sounded in 50 solling the Weather in the Weather in the Weather in the South of a fund on the Weather in the South of a funds. And With Light - Winds & pleasant that her. R. Hat by Ob I Varia I Diff. Long, I Long, in Long, by Ob
Course		Dist.				R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
-	1		1			
H. 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12	6 1322		Sittle Street	Gast.		Begins with Light, Winds & Coustant Weather. Of Cold. Calm & the Currentelling is low wills the Retch anchorate to close got under Weigh. & Welling sails tote & Sight. Will she ing sails tote & Sight. Will she histories in Sight. Whose Silands lit first hight Wishows like ings. Olalous, Stand, bore It for. Conds With Light, Winds & Lery Water Weather.
<u> </u>	SE. 20	Dist				D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.

.

	(Ille	dits	from	Canton towards Boston
	H.	K.	H.K. Courses	. Winds.	L.W. Remarks on estenday May 10th 1819.
	1 2 3 4 5 6	1 1 3 (rat	1008 E	S & S & S & S & S & S & S & S & S & S &	Begins with Light - It inds, & Phasant Weather. Whasant Weather. Whasant Weather. I was and who will steering sails. Phasant who for the preatest hard of the Phy othe wind tight & Variable, waning the Gards from
	7 8 9 10 11 12 1	1111	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	voisité.	one lack to the office Breeze set the Lot top main top gallant steering fails. Of 4 Post the contine art of them Cart of the Stand boile to the last of the contine of the last
	2 3 4 5 6 7	2 2 (int	en u		Island borg Ste West.
	8 9 10 11 12	2 2 2 2	West.	a.	Warm. Latitude Of 397 at. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
	cV 6		Dist. Diff La	1	3° 15' 3' 17's none 25" 108'57 East.
	H. 1 2 3	K. 3	H.K. Course	es. Winds.	Begins with Light Winds & Pleasant -
	4 5 6 7 8	44551	1 51/2 6 1 8 1/2 6	8. 20.810.	The Southeyard at 1. 30 Post discoverie
l	9 10 11 12	4 3 3 3	wes .	le co	at 6 Poll Hat Island love Sty Coched Ship to the A Will Macked Ship to the A Will of 12 Midnight. Sacked thep to the South Gast at Al 4 ctost larked
	1 2 3 4 5	3 5 4 3	1 100		Ship, to the West Wir Set the Ground of riging fithe great chalunus bore
	6 7 8 9	12 2 2	1 10/20		Ends With Light Winds &
	10 11 12 Cour	2 2 se 1	Dist. Diff. I.	at. Dep. L.	Satisfied (Vy , 5 20.4) Long. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
	18.	310	33' 4	33	3° 13' 4 3° 26'ar mone 33' 108°24'

.

Micheles from	(11/1/01) towards Bestell
H. K. H.K. Courses. Winds	L. W. Remarks on Theanisday May 12 1574
1 2 / West Still	
2 2 /	Begins with Light Winds & Peasant
4 2 /	at 3 AM lacked ship to the Southwar.
5 2 / doubh	11 5 of M. lacked Ship to the Southward,
7 3	it 8 30 old lacker this to the
8 3 11 12 15	Westward.
10 3 11 1 11 Worth	
12 2	Latter Part Calm
2 / // // // // //	25.47167
3	
5	
6 (kin.	Cude with Light Winds.
8	
10	
11 / / hillest:	Patitude (% 3:15")
Course. Dist. Diff. Lat. Dep. Lat	by D. R. Lat. by Ob. Varia- Diff. Long. Long. in Long. by Oo
Folk 31' 15' 28' 3	11's 3° 15'4 none 28' 107"56 Cast.
H. K. H.K. Courses. Winds.	L. W. Remarks on Thursday a liay 13 1/8/9.
1 2 / Hest. SSIC	Begins with Light Winds & Closedy
2 3 1 136 cVilest.	Weather at 1 Tost cume with a
4 3 /	Anualt, with Prain finited the Royals
5 2 /	Jan a Water of the Saugelf We
7 1 1 1 8 Colon	ued about 10 mill, which con in
9 3 888	Al 130 Set Royals Curing file miles
10 4	Stop gallant Maysails, 11 2 24
12 3 /	Sails fore, & left march & fet steering
2 3 1	about the yards Vin Down braved
3 3 4 3	Jails. Of 7 200 Stock in Steering
5 2	to Windward of 21st, Of 830
7 Galon	Somered the westerde &cet 830 or st.
9 2	of Cart 10 PM West Stand vor
10 3	Service Con G.
12 3 /	Ends with stying Clouds.
Course. Dist. Diff. Lat. Dep. Lat.	by D. R. Lat. by Ob. Varia. Liff. Long. Long. in Long by Ob.
12010 61 57 20 20	18'cs 2° 18'c4 nome. 20' 10736'

Midas	from (anton towards Boston
		. Remarks on Friday ostay 14th 1819.
1 5 5 5 6 2 1	Gast.	Begins with hight-Winds. & "leasand." Weather. at I Poll in all thering sails & Based up Squared the years, At 12 mightight Squared the years, & Set ati. Heering suits.
7 8 9 10 / / SSU- 11 / / 12 / / 1 / SkyW	Est E	Middle Choudy. (It 2 AtoM. look in main top mast & Lower steering sails. (It 4 AtoM boursed the yards Frot them again. At 6 AtoM biscovered this privaces on the Weather four steering choth, lost signit of them at
4 2 5 2 6 2 7 3 8 3 9 4 / She E.		the Lee bow braving Illiby f. At 5 Post o Vonsuct Island work South West. Ends with fine Breeze &
11 4 12 4 1 Course Dist. Diff Lat. 36 % 69 69		D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
H. K. H.K. Courses.	Winds. L.V	v. Remarks on Salurday Slay 15 1819.
1 2 South 2 4 5 3 4 6 5 3 6 3	Wizer.	Commences with fight winds and Pleasant Weather, At 1-30 hauted in the Housing Sails & rigged in the troms. At 2 poll. Sachly fursed the Proyals, & flying fit At 2°3000, haused in the treather haces, se
7 3 S/2 West. 8 2 She W. 10 2 11 3 S.S. W.		Royals, Skysais, skying fith Fore &. main top gastlant & fore top mast Stoering Sails. Middle heavy (- Hours legether-
12 2 1 2 2 1 3 1 1 S by U.	S East.	At 2 AtoM look in Meering Marks. At 3 AtoM Linted the Boya is, storyand & plying fit at 3.30 Stoll a heavy
5 4 5 6 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Silest:	gallant sails, & lowered the Stan wer, at 5 of Mil set Shan Ber, top gallant sail Royals & riging fit, at Totall tracked with at 10 bt M. Squared the yaras, set all steeding sails. at 6,000 Non seet
10 4 11 3 1 Sbyli 12 2 1 Dist Diff. Lat.	Dep. Lat. by	At GotoM. Direction Island I was at noon Barrier Island Inte Ut Noon Direction Island Inte Styl at noon D. R Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 05'd 0° 01'S none 16' 10" 12' Gut.

1. K.			11	111	(1)	from	(1	Michiel towards Besieve
1		11.	K.	н.к.	Courses.	Winds	E. W.	Remarks on someany him 16 1/3/
S		1 2	2	1	. + 2. 1	16 30 V		
1		3	1	1				the most just at the way weather
Total			1	1				in hold and end strong Vand
10		7	1	1	charly.			Curre l'fe et lieure
11 1 1 1 1 1 1 1 1 1		9	1	1				1 1 my fire che pertant forming
1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11	1	1				latinity with it mile horse the
Solution Dist. Dist. Lit. Dep. Lat. by D. R. Lat. by Ob. Varia Dist. Long. in Long. in Long. or of			2	1				contract of the the state of
Course. Disc. Disc. Lit. Dep. Lat. by D. R. Lat. by Ob. Varia. Disc. Long. in Long. by Ob. K. H. K. H. R. Courses. Winds. L. W. Remarks on channely charge in Long. by Ob. S. J.			2	1				The left the first
Course. Dist. Diff. Lit. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. in Long. by On John St. J.		_	,	/				
Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. in Long. by Ob. Social State of Sta				1	116 2.1	- 1 .		The the which soir x act min
Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. 12			1	1	1			I withing I middle in wysiner
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by On 1		-	4		Plan C			At 6 Poll batters Island
H. K. H.K. Courses. Winds. L. W. Remarks on chandry chay 17 1814. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			e. I	Dist.	Diff Lat (Den II et	hw 1)	
H. K. H.K. Courses. Winds. L. M. Remarks on chandry chay 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19		15	6. 3	1				1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Н.	K.	н.к.	Courses.	Winds.	L. W.	CONTROL OF THE CONTRO
sold the standard to the stand	i	_						
5 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		S	3					wasant Weather. Ull I now!
10 1 / St. Jost St. Diff. Lat. Dep. Lat. by Ob. Varia. Diff. Long. Long. by Ob.		5			A free C			galant stagning py 3 PM
10 11 12 11		7	1-		1.16.			11 1 1 St Jacked white with
1 2 3 1 Sold of Silver Braces of Stand in Conds my the Light Braye. 1 1 2 3 1 Sold of Silver Braces of Silver Sil		9		1,	1.12.1			till carten line begand & type
2 3 4 1 5310 4 2 10 10 10 10 10 10 10 10 10 10 10 10 10		11	42	1				A 12 1/2011 (1) / 1/20 1
ancidate flagsaite of gastioned of the stand		1	: 50	1	10/1/2	:	1	Cicallas. A.
omiddle Haysail galland in Standard Sta		3	14		restly M			1 delling days well of
7 4 8 14 9 10 14 11 11 11 11 11 11 11 11 11 11 11 11		5	4					
10 1- 11 13 1 1 12 3 1 1 Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.		7	+				1	il yerost washer Island in
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long by Ob.		9	1/4					till astones of boat Elmin
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.		11	, Ž	1				
1 (04 00) 1 2 2 3 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2				ist.	Ditt. Lat. I	Dep. Lat.	by D. F	
	ŀ	1 : 47	16 (7)	208				

	C	Hia	as	/	•		innton					
	Н.	K.	н.к.	Courses.	Winds.	L.W.	Remarks on	Liest	day o	May 18	12/8/9.	
	1	3	1	13711/1	2:4 11°		Bigons (1).	the vin	1.77/2	ez, t.	"haran	
	2	3	/				Winther (VI	1 10 %	81. 43	Street 1	manie !	12 . 11.
	4	5					file stay					
	5	1					of mauted.	c/2 /6	6 6 1	1 5 0. 6	128 114	=11
	6	1+ 2	/				Came to &	We re	ingin	Gash	en Alisa	et.
	8	2	1				& dangero	115 6	1122	in the	night	0.0
ı	9	2	/				decount of		F .			51
	11	2	1				deighed a					
	12						the Sticker	19 11.13	w. 3/1	haced	the main	ra
	1 2	,					Hind lat	atte.	setti;	19 5000	tring &	z;
	3	Com	2,				orhen live	inches	ed in	cing .	18/2 wa	DC .
	4 5						price of my 6.	which	11c 3	at I'm	les iles.	1
H	6	. 2	1	Sillings.	abortion		Cast Part					10.5%
	7	2	/				South Sal			,	V.C. TRIE	
H	8	2 2	/				Ends 4	with &	high.	141%	redit.	
	10	1	1									
	11	1	/									
I	12 Course	1	Dist.	Diff. Lat.	Dep. La	t. by D	D. R. Lat. by Ob.	Varia. Di	ff. Long.	Long. in	Long. by Ob.	
		712 3					,	216228	24:	10626	Erst.	
	Н.	[Courses.	1		Remarks	Heat	resday	costa	1918	J.
		17.	п.к.			- 17	Byins 12			1: ind	ie se tria	
ı	2	. 7	2			Line	Talho	The for	1911		art rept	
	3	trate				10		Min	i'ral	Kin.	week To	Jr.
ı	4 5	,	1			1.1	Untitle 5.	10 H. n		i bigers	1 min	
1	6	1	1	^	,	1	trat;	numi	4,04	Prous	fin die	inch
ı	7	2	1	A Milli	dinists	1	Stone of 1.		ing.	mai	itel. I	
	8	3	1			111	Cleared la	wire,	, -/	jet ind.	Musices	
	10	3	1			35	To wel of	le vine	Lina	and,	If for it	1
	11	3	1/			1	det merri	ig dire.	(a) 6/1	1 11 13	st. come	1
	.1	2	/	Jaril :		0	in the	Puller.	· intro	or an	d let	
	2	1	1			1	rallant	chery h	for &	S'mae	in the	
	3	1	1			1/2	frua ied fo	he app	11/11	& set .	main l	E. Ve
	5	1				1/2	at 1 PM	1 stil	de	stana	bruste of	4,3
	6	1				16.0	the South	2	/	,	a in sty	
	7 8	2				1	100 119 13	110	100		, ,	
	9	2	1			1	Ends 1	14.1h	Fleasi	and le	ing thees	
	10	13					ali san	lest.			•	
	11	3				1				ede 0.4		
	Unurse	1) ist	Diff. Lat.	Dep. L	at. by I	D. R. Lat. by Ob.	Varia. D		100	Long. by Ot	2.
	123	3°in 4	14	10	11:	30 6	368 30 3.43	none	1,0111	1060	Circle.	
U	-	1								-	and a house of the second side allows	and the same of

	(110	iil.	7.1	from	Carrie 11. cowards Builly	
	Н.	K.	Н.К.	Courses.	Winds	L. W. Remarks on Thurs day Sing 20 18	19
1	1 2	1	1.	. P. S. J. S.	. (- 34)	haring will dright Thin is So	
	3	1				they wan heading of here	1
	5	2	1		1.10	the stilling with resunder 1 de	2
	6 7	3	1		Cret	10 4 16 25 de sur al al offestion	
	8	2	1			much a laterage which we it been	
	10	3				the Stight in all light miles	
	12 1	1	1	,		galice the pile & Hearthand the	
	2	1				heavy Pring & Hounds Sous	+
	3 4	1	1			minds, old Soll out inter	
	5	4	1		14/12	her file 8 3 Calest, Sat a halding	
	7 8	3	/			got fin Mi Horning siets,	
	9	5	1			At it with the his still origing	
	11 12	2				Chair White Crowning	The s
	Cours		Dist.	Diff. Lat.	Dep. Lat	it. by D. R. Lat. by Ob. Varia- Diff. Long. Long. in Long. by Ob	
	12,	To C	2"	531	281 /	4. 29 4 2 95 mic. 28' 105 4 Cast.	
	Н.	К.	н.к.	Courses.	Winds.	L.W. Remarks on Miday wing Li 1/1/19	
	1 2	1	1	1811	08:88	Bujus with Light Bruger Con	de la
	3	1	1			Und hamai in with horing which	
	5	2		Mist.	16	de 26 Il len Firty work	
	7 8	2 2				Tooth) housed the the ment	
	9	1	/			came le & uncharité in 12 a.	
	11					Water.	
	12					Thedaic Smally noth hum,	
	2 3					ill hoth yet under weigh	
	4 5			I hyor .	2160	all of Host lacked Ship. We Wash	y.f.
	6					treking again & set Laiterist	
	8	1				Thering frits. at 11:30 took the	71
	10	Cax.	110			L'ariable Windles.	
1	11					L'atitude in 4° 46's	જાર હૈંજી
-	ourse.	· D	ist. 1	Diff. Lat. I	Dep. Lat.	by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	
1	142	u 11		1201	1/+	4' /il's 4'46 none 11' 1053 port.	

6.	Wiider	1.1	from	Ci	nlo	//	towards	Besi	tori	
H.	К. н.к	· Courses.	Winds.	L.W. 1	Remarks	Crr2 .	latural	ry . slay	22.181	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7	134223143	Mas Silvert			Marchand Stranger	Meer. John Kor. The man all of the soul of the	Letter the way the way the word the wor	John Son Son Son Son States	wight wing	
8 9 10 11 12 Course	2 / / / / / / / / / / / / / / / / / / /		1	by D. R	of Ist	Ob. Var	the Cared Sand Cared Cared Cared	Carrie Ca	To Ming	4e
Н.		. Courses.					tinday .	May 23	1819.	
1 2 3 4	6alm	6.21	c L 41;		Al 1	M.	Weighte	the little	Welein.	
5 6 7 8	2 2 2	Sillyll	11/1/1) !	it ul	tit i	Ing sun	in at. Listan	Ship St	
10 11 12	2333333	Story Siller	White San	7	Tyun!	ly it	with Ro	in, hau	ded in	
2 3 4 5 6	3 3 3 3	F/2 10	The Civit	<i>(</i> '	North	" Isla " con ! ! E/2	Roth Solh	al mes Point Cklus	W. Jun	2
8 9 10 11 12	6akm 2 1 1 3 1 3	south.	U Ha	-	Ona	ls lv	the Stea	Teasan thes	Long. by Ob.	
, f31	1 Dist	Diff. Lat. 38'	-		A ron	1		105°00	,	

	lite	let.	1	from	Cutticity cowards Bushing
Н.	1	1			L. W. Remarks on obliniting ling with 1911.
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8					Buyens white Pleasant it willies of head the strails of y Stram to the Carriers in the Carriers of the Stram the Strails of the Stram the Sing Confert of the Stram the Sing Confert of the Stram the Straw to the Straw
9 10 11 12 Course H.					L. W. Remarks on Tuesday May 25 Joseph May 10 Joseph 10
2 3 4 5 6 7 8 9 10 11 12 1 2 3 4					ministred lakering in rus it aids James troticion last tes, so bie John the recipe the test to the John this Criticacous of latin 102 age from Getsaltar tom 102 age from Getsaltar tom in light out interlight of he in the Luste (ff & host for galant steering with
5 6 7 8 9 10 11 12 Course		Dist.	Ditt. Lat. 1		Al Rone of them Comery signers us thereised the Hant & recent on board me proved to be the Tachene of Braton, Med Lay from of the within tenend let Butteria, 11t 12 in whering fails Linnel to They Suite South. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob.

cAll	iders	from	canten towards Bestere
H. K.	. H.K. Courses.	Winds.	.w. Remarks on Hicknesday orly 26 1819.
1 2 3 4 5 6	The factor of the second	50/3min	Begins with fine Breeze & Plea and Whather Wift 12 midnight to ally failed they Reyals, Sais gallong the fails file & thunker & hauter up the mainsail of 12 30 % 11 was allow
8 9 10 11 12 1	The fines to	1, 84°33'	wil fit than ite at the Boyald
2 3 4 5 6	Marie 25	Tislance	bors It Chy C. I ishunce & Omistors. Thom which I take is now defraithen Latitude & great head 6 46 Tout
8 9 10 11	Courte ,	John	This is watch empliceful un fanting of there ing the bles, on de the work to the heavy Sivett.
H. K			by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. L. w. Remarks on Chairsday Chiay 27. 1817.
1 3 2 3 3 3 4 3	at The 11	Tariaria	Begins 119th, this Broke is the second & Convert the inches of the Comme to the contract of the second the
5 3 6 2 7 2 8 2 9 2	Slogiti		Light for the Single of the in the series the series of th
10 2 11 2 2 2 2 2 2	Hing & Freg 11	,	Cropped flying fil. The main said
3 4 1 5 1 6 1 7 2 8 2 2	1 butt		Out 6'30' MM for the gallen
8 2 9 1 10 1 11 2 12 2			it 4. 12 11 java livare bot 6
F.454	Dist Diff. Lat.		21: R Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.

	011.	ill	1.1	from	(anten cowards Perion
Н.	К.	H.K.	Courses.	Winds	L. W. Remarks on July may 25 18/11
1 2 3 4 5 6 7	(12)		Sis H	Cox Whis	Program with right winds to Winds Carrota him Pay look the I Cast Grade Winds. Ut 5 1. 31 at sore ich must
8 9 10 11 12 1	11	111	16 Sid "		and bet particine Living saids Al West Will the Lower thering said. Crids Unith Light Winds and priegrant Wirather.
3 4 5 6 7 8	ノススススススス	///////	Albert W. Dil Delist	y Can	
10 11 12 Course	3 2 2 2	1			by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
H. 1 2 3 4 5 6	K. 2 2 1 1 1 1		Courses.	Winds.	Degins with Light It will by hase the Light of Man their the Light Mining the mass theoring suit,
7 8 9 10 11 12	22//	1			the shering said. (It I al St. book in were lot mass I out? & left gallant
2 3 4 5 6 7 8	2222		M by W	Indth'	Onds with a moderate Biers
10 11 12 Course.	2 2 3 3 1 D				by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. OS' 5"05" name 28" 103°24 Gut -

Middle from Curtille towards Busiens	
H. K. H.K. Courses. Winds. L.W. Remarks on Sunday May 30 18	19
1 2 Begins with Breasant Weather	4
3 2	112
5 / /	/ 1
6 1 dails & Shan het fur de file on	and and specifical
8 Carm X hauted down the fit & 2	ou by
10 1 stock middle hart more moder	1.0
11 / 2 1 16.10 world at 11 62 11 Set the fits.	
	2 00
2 1 1 word With the record the mergen	
4 1 1 1 at 5 Holl of Heeze from	
6 1 1 Mist. I Gast. Vast. out Plates gote de	de for
8 1 Sammin tote variant steer	ing
9 14 1 wants. Out & Stall with the the	Trans
10 4 1 Conds With a vene 13 the	18
Course Dist. Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long.	
8476 48' 33' 36 8°38' 8°36' none 36' 10248'	
H. K. H. K. Courses. Winds. L. w. Remarks on Monday o Vlay 31"	1819
1 7 Flost. Bigins with dine 103 racyc 2000	7 2
3 8	in fore
4 7 SWhill top mast, rose main top	ga tan
	7 7
8 7 1 Whit sent it an Dick &	elise ra
10 % lity font it aloft again &	
	11229
11 7 1 likewise the main one & by	
12 7 1 let G Poll det the sore top	h must
12 7 1 (It G Poll det the sore top	h mast
12 7 1 1 2 7 1 1 2 7 1 1 2 7 1 1 Soring Sails. & Staysails.	L'
12 7 1 2 7 1 3 7 1 Steering Sails. & Staysails. Gumping every hat; hour.	L'
12 7 1 2 7 1 3 7 1 Storing Sails. & Staysails. 6 8 1 6 8 1 6 8 1 7 8	L'
12 7 1 2 7 1 3 7 1 Stocking Sails. & Staysails. Gumping every has hour. 6 8 1 7 8 8 9 7 1 Stocker Conds with Stig Brown.	L'
12 7 1 2 7 1 2 7 1 3 7 1 5 8 1 6 8 7 8 8 9 7 1 Stocker 10 7 1 11 7 1	reze
12 7 1 2 7 1 3 7 1 Storing Sails. & Staysails. Gumping every has hond. 6 8 1 6 8 1 7 8 8 9 7 1 Swift Swift Staysails. Conds with Stay Brown.	10:15

Taxanter Cha.	Ĺ	Mic	100	1.	from	Canton words Boston
	Н.	К.	н.к.	Courses.	Winds	Remarks on Tuesday fune 1 1819
	1 2	7	1	SWest.		Begins with still Bore ge & fine
ı	5 4	8				fire formain for gattant refer
	5	17	1			at 7 39 6 M hois in Love Soma
	7 8	6	1	AWbyl	^	to gallant fails.
	9	6	1	Piver.		at 3 Holl Squally handed 2
	11	6	1			at 4 stell doubte Bould The
	1 2	7		flikell flikell	<u>.</u>	tobsails wit 5 ofall handed
	3	1/2				down the fil & set the fore toh mast staysail. I sent
	5	17				lingte Rootal The mingen Verses
	6 7 8	17				of the topsains. West the sor
	9	5	1			I main toh gallant salits.
	10	7				Conds With - the Briceze &
	Course	: 1	Dist.	Diff. Lat.	Dep. Lat	by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob
	84	76 /	6'Y	1055	12/ 1	2°10 12°12 none 2°03' 98°20'East.
	H.		н.к.	Courses.	Winds.	L. W. Remarks on Wednesday June 2 1819
	1 2	7/		of Decate	I Sout.	Meather, With this Preege & Charles
	3 4	17	1	, (, , ,)		Whilethe Best the fame.
	5 6	8	1	W. 11.		
	7 8	9				of the lossies & set the muzer
ı	io 10	9999	1			Holegallant soit.
	11 12	9				Ends with Ming Breeze &
	1 2	99	1			fine Weather.
	3 4	9	/			There hing to heavy sea Running
i	5	8	1			1) allow. Goniles.
	7 8	8	1			Tumping every hen minutes:
	9	8				
	11	8				Latitude Obro 13°52
	fo.				1 -	B' 32's 13° 52's none 3° 08 95° 12 Cart
						90 /2 Out

(4)		las		~		idon						The
Н.	K.					Remarks						444
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3	99888899899999	111	Sec	Poust		maril.	Poll. Selle St.	the ling of the line of the li	Colof Carlo	A the all	130 30 Jing The	ain ho. PM. I PM. I Post & York & Ihe Sa
3 4 5 6 7 8 9 10 11 19	77.1998888	I I I I I I I I I I I I I I I I I I I	f Lat.	Dep. La	by D.	No. Lat. by	ing	2 mi	tes pl	Õ.	10 10	ong. by Ob.
H.		н. к. Са	nurses.	f		Remarks	on .	Form		une 1	1 10.	1819.
1 2 3 4 5 6 7 8 9 10 11 12 1	8899888888998872		7.] [[Toby &		Begins Mathet the Ita Lower main in the main X hand	stee stee skap to h	id. (Why Grant on the	Hause Startes files	led a Volet	the the land, hould the
4 5 6 7 8 9 10 11 12 3 763		ist Dil		Dep. Lat	by D.	R. Lat. by				g. Lon	g. in L	

B. K. U.K. Courses. Winds I.W. Remarks on Interesting plans of 1810. 1 6 1650 165		He	ilu	4)	from	Canton wowards Bistim.
The state of the s	н.	К.	н.к.			
Steering Last the Steering main information of the steering Last of the Middle & main the special steering Last of the special steering Last of the steering Last of the special steering Last of the steering Last of the special steering Last of the	3 4 5 6	6667	11	Migner	1116	Matini. (11, 10 30 12 M. hauled down the flying the staysails, & set he start books.) (main lost yallant steering dast.
Course Dist. Diff. Lat. Dep. Ext. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. Varia Diff. Long. Long. in Long. by Ob. Varia Diff. Long. Long. by Ob. Varia Diff. Diff. Long. by Ob. Varia Diff. Long. Long.	8 9 10 11 12 1 2	6665	1			Het the Siditourd main loft ma Hooring fail. All the Midate & main ich gallant Staysaid. All 1) AM. hauted in the Lie Birers, & look in the Lie main toh made, Steering sail.
Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. J. S. 1/10 29' 1/13' 10 1/15 now 229' 86' 10' Lat. H. K. H.K. Courses. Winds. L.W. Remarks en Sunday June 6th 819 1 5 Wigo E. T. Begins with Picasant Realise & Moderate Borege (11 2 21th hands on the Line Wines) (11 2 2th hands of the Majorath of the Main Region of the Majorath of the Majora	5 6 7 8 9	666666	//			7 ~ .~ .~
H. K. H.K. Courses. Winds. L. w. Remarks on Sunday June 6th 1819. 1 5 / Mayof E.S. Begins with Pressant Bratie & Moderate Braze. (11 2 Poll hands on the Loc Direct of the Pressant Main Main of the Loc Direct of the Pressant Main Main of the Assembly Lake in Main Main of the Assembly Lake in Main Mayorith. Mayorith of the allayanth of Main Skyrish. (11 12 midnight del the Main Skyrish.) 10 8 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	5	/	- management		Latitude Chi "164/2
H. K. H.K. Courses. Winds. L.W. Remarks on Sunday June 6th 1819. 1 5 / Migol E.T. E. Begins with Pleasant teature & Moderate Bring. (11 2 Poll hands in the tree Transfer with the Law Transfer of the Property with in Main of the tree Transfer of the Main Main of the tree Transfer of the Main Main of the Staymark. Might be tree Main Main Skyrich will be altaparate & Main Skyrich (11 2 midnight bet the main shyrich of the main of the Ma	1					
Bigins with Piersant Teatine & Moderate Birey. (It 2 Fell hands in the Lee Wines, and Manual in the Lee Wines, and Manual in the Lee Wines, with hand in the Lee Wines, with hand in the Love Wines, with Manual & Lower Steering david. My Beyond & Steering david. My Beyond & Main Skywick. (It 12 midnight set the main look mail & Lower shoring sails at 18 it M. look them in layou.) 1 8 2 8 3 7 4 7 5 7 8 8 9 7 10 7 10 7 11 12 6 Course. Dist. Ditt. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long, Long, in Long, by Ob.	===		(
	1 2 3 4 5 6 7 8 9 10 11 12 1 12 1 12 1 12 1 12 1 12 1 1	55555655788788777888~756		W rys	E.18	Begins with Picasant Weather & Moderate Breeze (11 2 Poll hands in the Lee Discort Work in Main is mast & Lower Steering dails. Mig phogal & Shapsails. It if 30 Poll set the offarpails. & main Skyswith (11 12 midnight fet the main look mast & Lower Steering sails (11 3 11 M. look them in logar. All 3 11 M. look them in logar. Skyswit. Out of test. Becketed the main skyswit. Cinds With Time Breeze. Cinds With Time Breeze.
17920 162 30 159 17 1/1 none 2º47' 83º23 ast	Cours 21 ~24		2.4	Diff. Lat.		1. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 17 1/15 none. 2 47 83 23 Last.

-		Mi	dis	1	from	(5	world towards Boston	
	H.	1						
	1	6		Woys		L.W.	Remarks on Monday June 7" 1819	
	2 3	6					Begins With sim Breeze & Pleasant Werther Mer their MI 3 MM set for Lower ; shering, major Prayat of main theysail.	
	4.	5	1		of Gast.		(It 19, rest set the for & muzentsky suit	li,
	5 6	5	1				Ateering sail. He main top main!	
ı	8	5	1				Middle Sail Oleasant With	
	9	5	1				Hying Cloudes.	
ı	11	14	1				At 6 olo M. Squared the yards	
I	12	100	1				hauted down fit & flifting for	
	2	6	/				Haysails. Sheet the Star board main toh gallant steering sail,	
	4	7					At 9 Ast look in the main tothe mast, late gallant & Soquer Herring	7
	5 6	6					Sailed. I to aced life the afailed.	- >
	7 8	6	/		They South		Old It of M. haufted in the Wegther Braves & set the shiering failet.	
	9	5		What			Ends with moderate Breeze	
	10	4	/	Why .			S' Teasant Weather.	* >
	12 Course	5	ist.	Diff Lat	Den Lat	, by D	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	·la
	178	-	4.5'	29'	138'	oy D	170/10 Anone 2º24' 80°39 East:	
	Н.	K.	НУ	Courses.	Winds.	I. W.	Remarks on Suceday fune 8th 1819.	
	1	5		Why st			Begins with moderate Breeze	
	2 3	5	1				1 11 11 11 11 11 6.30 16 W	
	4	5	1		186		Just in steering with Royals. Theyards	,
	5	6	/				fook in top gallant dails. Ul	
ı	7 8	8	/		•		JA Maket the main last galland	
	9	S					meyon lop gallant. saille.	
	10	6	/				al Totall. sel Line for & main	
	12	5	/				Mayerta.	
	2	7					gallant & for top most steering	
	3 4	666					while,	
	5	7	1				Condes with sine walnes.	
	7	17	1					
	8	17	/					
	10	7						
	12	0					Latitude by Oh 18°09' Led	ch.
	Poy		- 4	Diff. Lat.		. by D	R Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 18°09' none 2°41' 78°18' 828.	
P.	19	10 13	1	~ /	1.//			

	. ((11.	ide	W/	from	Canton wounds Boston
ı	Н.	K.	H.K.	Courses.	Winds	Remarks on Mednesday fine 9 1819
1	1	6		W. Fer. S	of ber &	Begins With Reasant Weather
	2	6	/	~		L'Aine Breeze.
	3	14	/			at fr 30 Bill Squally in their ing
1	5	8			(2)	dails. D. Lise thing life
	6	8	-		of Cast	Mails. Ut 5 30 in Royals & stiging file.
I	7 8	9				at It Min toh gallant sails
	9	99		West.		(Il of single Presid the bopsails.
	10	9				
	12	8	1			at 10 'M. sont Lown Royal yards
-	1	8	1			Middle Cloudy with first Gate
	2	8		11 by s		
	3 4	8		15 6431		At 30to W set toh gallant sails
	5	8				Power steering sails.
	6	8				Ol & sot tot gallant steering dans
	7 8	8	/			at went ador't fore imain Day
ı	9	8	1			yards. Lest the waits.
1	10	8				Ends with this Breeze . ~
	11	8	1			Faliliade Co Bor 18º44
	Course	e. 1	Dist.	Diff Lit.	Dep. Lut	by D. R. Lat. by Ob. Varia- Diff. Long. Long. in Long. by Ob
	13	1201	18.5	35'	182'	18°44 none 3°11'4 75°07 6"11 -
	Н.	K.	н.к.	Courses.	Winds.	L.W. Remarks on Thin Tring June 10 1819
	1	\$		11: 25 3	M. But.	Degine Sille Stiffe Browges of
	2 5	ŝ	/			Husami Proceedings
	4	5	1			of the handed in the Walled
	5	8	1			
	7	8				(11 2 of M. handed on the hice
	8	8	1			1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	9	9	/			Wil C. Ach son in boke Sugar
	11	99				Of 130 insuled down the fit.
	12			,		and set the flying fit.
	2	48				Ul 10 30 of M hansed in the ises
	3		/			. Flutist,
ı	4	8	/,		16 by 6.	Ends with fine Brieze &
	5				6	Minsand Weather
	7	9999				
	8	9	1			
	10	9	1			
-	11	9	1			
	12	9	Dica I	1 1 1 1		Latitude Dir 19:35
	Course	1	Dist.		40	by D. R. Lat. by Ob. Vaira. Diff. Long. Long. in Long by Ob.
l	110	2	12	51	200	19:35" 1/4 10 3:38 71:29

	0	11	iil	(Zi	from	6	andere towards Butter.
	Н.	Ķ.				L.W.	Remarks on Friday fine 11th 160
	I*	9	1.	Elling S	€0€.		Begins with firsh Brezes and
	2 3	8	1				Masant Weather.
	. 4.	8					Middle Part Squally with a
	6	8					little Chain,
ı	7 8 "	8			6		At 11°30 PM in steeding sails
۱	9	S			ę		Royals. glying fit. & spanker
	10	98	/				and hauted up the mainsaid.
ı	12 i	9	/				at 2 th 11 set all sail again.
ı	2	10	1				At 5 at Al in sheet ing sails.
ı	3 4	9	1				& Bryale 12t 6 set them
ı	5 6	19	1,				nanih
ı	7	8	1				Latter part squally with a
ı	8	8	1				With Grain, Friday
l	10	8	1				Condition Salary
۱	11 .	7	1				Latitude Chi 20031
	Course		ist.	Diff Lat.	Dep. La	t. by D	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
ł	174	W 2	0.5	56	195		· 20°31'A plane 3° 28' 68° 01 Cast.
ı	1					·	
	Н.,	K.	н.к.	Courses.	Winds:	L. W.	Remarks on Sturiday June 12 6/8/14.
	1 -	.8		Courses.			Begins Whith grath Bronge Sprine
		K. 8					
	1.	.8					Begins Unth grath Bronze Sprine
	1 · 2 3 4	.8					Begins Whith grath Bronge Sprine
	1 · 2 3 4	88889999					Begins Unth grath Bronze Sprine
	1. 2 3 4 5 6	.8					Meditie Man Brage & Chounty.
	1 ° 2 3 4 5 6 7 8 9 10 11	88889999					Regins, Whith girth Bronze & fine Weather. Moddle Man Bronze & Choung. Middle Man ted in the Monther Williams. Brases, havind down the plying in the stand
	1. 2 3 4 5 6 7 8 9 10	88889999					Meddle Min Breize & Choudy. Wholdle Min Breize & Choudy. Wholdle Manted in the Meddle. Whother hauled in the Meddle. What the har ind down the plying his whet the hoe main to he justianis
	1 ° 2 3 4 5 6 7 8 9 10 11 12 1 2	88889999					Begins, Whith girth Bronge & fine Weather. Middle Man Brenze & Choung. Of fot the hauted in the Mouther West the hor main to be justianished the string for the string of the string state. Ends With freth Breeze &
	1. 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4	88889999					Meddle Min Breize & Choudy. Wholdle Min Breize & Choudy. Wholdle Manted in the Meddle. Whother hauled in the Meddle. What the har ind down the plying his whet the hoe main to he justianis
	1 ° 2 3 4 5 6 7 8 9 10 11 12 1 2	88889999					Regins, Whith girth Bronze & Chounty. Weather. Middle Man Brenze & Chounty. Of Jos. H. handed in the theather. Direct, handed stown the plying the State the three main to he justianis. Sheeting dark. Ends With finth Breeze &
	1. 2 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7	88889999					Begins, Whith girth Bronge & fine Weather. Middle Man Brenze & Choung. Of fot the hauted in the Mouther West the hor main to be justianished the string for the string of the string state. Ends With freth Breeze &
	1. 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9	88889999					Begins Whith grath Bronge & fine Weather. Middle Man Brange & Choung. Of Joh H. handed in the Mouthers. Object, haured down the paging to steering dark. Sands With front Bronge & Jane Whenther. Jime Weather.
	1. 2 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8	88889999					Meddle The Breeze & Chounty. Moddle The Breeze & Chounty. Middle The Breeze & Chounty. Middle The Breeze & Chounty. Short the Breeze main to be justianish their partians. Short the Breeze with Breeze & Jane Weather. This Day their several be bufue.
	1. 2 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12	8888999999888888998888	11111111111111111 **		Este		Begins, Whith girth Bring & Choung, Weather. Middle The Bring & Choung, White the house of the Mines of the pring the Stand Stand Sound the pring the Stand Stand Stand Brief & Cape of the Day the Sound to Cape of Pigeons.
	1. 2 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11	8888999999888888998888		Diff. Lat.	Este		Meddle The Breeze & Chounty. Moddle The Breeze & Chounty. Middle The Breeze & Chounty. Middle The Breeze & Chounty. Short the Breeze main to be justianish their partians. Short the Breeze with Breeze & Jane Weather. This Day their several be bufue.

(Vil	du.	1	from	Canton towards Bortone
Н.	К.	H.K.			L. W. Remarks on tunday june 13th 1819
1	8		111/2.8	Cast.	Begins With fine writing
2	5				phensant belouther it 3 h.
3	3				Prustly attith him. hourse
5	8				with the main reit.
6	8				at 4 Poline Mil with regains
8	17	/			all of the facility
9	8				main top must suring sail.
10	8				main top must heerly
12	7	1			· Ill A ofthe hired shite, get
1	6	1		* 12	the startonia inever sheeting
3	6	/			fair,
4	6			~	to be north to be delined &
5	6				Ends With Light Winds &
6	6				"iexiam" Heather.
7 8	5	1	·		
9	5	1			
10	5				
11	5				L'aplute Me 22
Cours	ie. .	Dist.	Diff. Lat.	Dep. La	t. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
17	3101	62'.	1. 127'	155	22° 14° 1/20 2° 47 6124 Val
H.	,	1	Courses.	Winds	L. W. Remarks on alloreday fune 14 1919
1	5		Hest.	East.	
2	5				Degens 145th fine mage spines
3	5				Meathel:
5	5				
6	5				cit 6 1. M. filed Ships
7 8	5				
9	5	1			Middle art the Same Y
10	6				
11 12	6				
1	6	1			b tinds.
2	7				il alch em, long of monding the in
3	1/1				ina musting infec.
4 5	6				
6	5	1			1161 Steering Suite J. S.
7 8	6				
9	6				
10	6				
11 12	1/ay				
Cour	SE. 1	Dist.	Diff. Lar	Den. II.	at. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
1	4		28'		
1	/ 11/	7-1	120	100	22°47' 11.18 2°30' 59°10'

Midus from Ca.	Mon towards Boston
H. K. H.K. Courses. Winds. L.w. Ren	narks on Juesday June 15th 1819
1 6 West Gast 19	gins with fine Breeze VI leasant
3 5 Wed	the?
4 5 5 5 GI	3 PM. look in Larboard thering
66	
8 5 1	is & braced refe
9 5 1	is of themen
11 5 /	number of Tookick Bitom
	filse tour le l'ery laige
3 4. 1. 20 L. 12 n's	hate.
1 4 1 Will on West	
6.3/	Sinds with hight Winds
8 3 CVorth	& Measant Weather.
9 3	
11 2	Latitude of 23.29.
Course Dist. Diff Lat. Dep. Lat. by D. R.	Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
8716 106' 35' 100 23' 22'	23'29' 1416 1049' 5721
H. K. H.K. Courses. Winds. L.W. Re	marks on Wednesday June 16 1819
1 2 1 1 11 11 11 11 11	Somes is the Rousant Weather
3 2 1 Apresti West	Plant spiral & dury ret el
4 3 5 3	t if rigged in the Weather more
6 3 1 ex 30 6/10	I of carried thigh, the o'Sol in
8 3 / Wester 5	Toyals, & Stying fit. & Haysails.
10 4	asts. 611 12 mednight set the
11 3 / Wen.	re top mast, rose & mun io
	Steeling saids, ich galant sois
3 7	Double need the lopeasit
5 6 to	1 4 At Michor out I rect & cet
6 6 all Russ Con	off the fore & main royal mosts
	h mast: I lot gruant steering suits,
10 4 / 625.	to Set the arn. S. m. Shoring day.
11 4 12 3 /	Latitude Off 23.53
Course Dist Diff. Lat. Dep. Lat. by D R.	Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
87/w 104 33 99 24°02	23.53' 122 1.48' 55.43' 53.29 6

C.	Mice	las		from	Canton words Boston.
H.	K.	н.к.	Courses	Winds	L. W. Remarks on Thursday June 17 1819
1	2	1	Mest.	088	Begins with sight Winds &
2 3	2	1			Reasant Merther
4 5	2	1			111 19 1 hauted in the Lee 12 and
6	3	1			must & Lower Steering lain.
7 8	3	1			11/ 10 12 11 look in Harboard
9	3				Seeding wils I wased Why
10	4	1		12. 11.7	at 1 At. housed in the Weather -
12	3	1		Set lit	Meering oral. It left of
1 2	4	1		Sou th	mast & Lower steering sail.
3 4	1+3			S'Enst.	
5	3	1			nast steering sail.
6 7	3	1			in de With light Winds
8	3	1		deGar	& Pleasant Weather.
9	3				
11	2				Latitude Fix 24°03'
Course	/	Dist.	Diff Lat.	Dep. Lat	at. by D R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ou
182		74'	10'	73'	24'03' 12 10 20' 54015 52009'6
Н.	K.	H.K.	Courses.	Winds	L.W. Remarks on Friday nune 18th 1819
	2		1/2st.	South	9.
2	2				Wegins Wight & Garrante
3 4	/	1		1811	11 3 Pell hauter in all steering
5	1,				Sails und gave a hurt of the
7	2				At 12 m. down Maysails in
8	3				Loyals. & stying fit.
10	2		, ς , '		at 2 am it royals Softying
11 12	1	1	Y Ding of		fitt.
1	1,	1,			Muddle Fast Cloudy with
2 3	1	1	. ()		light Torkeres.
4	43	,	10/2 6		Litter Part Containt
6	3	1			16 2 1
7 8	33	1	46 287.		Anter unharge mending
9	3	/	11 268		hanket.
10 11	3		8172 J.		
12	3				L'autiture Con 24 30 une
Course	9/1/ 4	vist.	Diff. Lat.		at, by D. R. Lat, by Ob. Varia. Ditt. Long. Long. in Long by Ob.
			19'	12.4 12.	14:22 24:30 1/2 59' 53:14 51:10'

111	iaars		from	(Canton towards Brillon
H. K	. _{Н.К.}	Courses.	Winds.	L.W.	Remarks on Saturday fune 19 1819
	4	1 test	JSW.		Degins With Pleasant Wirther &
2 4					highet 10 mils.
4 4 5 4					
6 5	5				Middle Part time Process
7 6		W. 12 J.			it bot it so sky salts.
9 6		West.			Cit to be must
10 6					at in set fore look must.
12 6		W. Try of			will,
2 5			22		of 10 look mared the chirts
3 3	7 1.	117,28	3.3		it but men & main ic miss
5 3	1	10 to 1	000		Steering lails,
6 3	1		2.1.		Ends With Links Winds X
8 3			le son		Post and Wouther
9 2	1		27.		Watch employ morning with
11 2	1				1. 1. luc : 1.5.0 34
19 2	Dist.	Diff. Lat.	Dep. La	it. by E	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
9:110	110'	3,71	103 2		
H. K	. H.K.	Courses.	Winds.	L. W.	Remarks on Sunday June in 20. 1819.
1 2	2	15728	y. 5'27		Begins 119th Light it inds & "leave"
2 2 3 2					Weither Il hauted in the Lee Braces
4 3	3 /	is in t			Wroken the main top nas & Lower
5 4		15 11 1	,		willand & fore top must shoring for
7 5		12/2 J			of 12. 11 a lash Breeze hecketel
9 3	1				the Majtails (11) hell naute
10 4	4	1210			down the stay sails. (11
12 3	- /				them ignan,
					main top yallant. , &
41	5-1				17716 11 0.166
	6				Ends with ceasant literation
11	5 /				allowing 10 miles for liveling
8 4	+ 1	*,			Euricut.
9 4	3 1				
					1 7 12
11 0	3 /				1-17 050 250/17
	3	i Duf. Lat.	Dep. La	it. by 1	Lat. by Ob. Varia. Diff. Long in Long. by Ob.

(.	Hia	as		from	((under wowards Bestein
H.	К.	н.к.	Courses.	Winds	L. W.	Remarks on Sienday Jane. 21" 1819.
1	1	1	11° My . 1°	ith:		By in 19th Mediate Breeze is
3	/	/				husani. Ol 3 Jul in Faring dells
4	1	1	1.2. 8.		35 8	ill 11 with much with days
5	2)	/	; <i>D</i> .			tack in hyais. Significant
7	2			12 12		Mentinary buttig 11 the Cran
8 9	2		1,000		. 4 . 7.	It 1 1 11 the sine Proveye set to
10	~			7/10	1. 3.	peternet with ut 2. West to
11 12	2	/	1 .11.	1		Logola & suring fit let the
1	5	/	1. ""			the con Royal that is that low
2	8			the state of	× × ×	soli for mast. sole & main
3 4	()	/		11.11		je hach! dieer ing still die
5	8	1		0000	,	the wrong & of the main for most
6 7	,	1		1501.01	2.	I weir decimo can.
8	100	1		11000	17	mi way Complet. I Calle Francis.
9	7	1	1		-	Cordi 14 Titie Booge Il hear
11	8			.1 6 31	11	I intunce on it's stace to no Cabout fre
Course	c. I	Dist.	Diff. Lat. 1	Den. I Lat.	by D.	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
.101	. II	~/7'	34	671	0.2	1 2622 22 1-15 4510 16 12's
	17			/	i 1	The state of the s
Н.				of East		Remarks on Trusday June 22 1819
2	8		["6\$1.	(Cast		Stage Of 5 21 having theuther on dill
3	90					in Bount sone it what he let it
5	9	1				not ind regard at if it he read in the
6	9	1,				cot 9.30 trekelin 12. ich what sindle
8	10	/				bei in to, a gatalint win is shanked
9	10					12 12 midmight, let of garrant fails.
10	95	1				ita listeth at the regard your course
12	8					the uplicat is let the Marinaid
1 2	9	1				main lop mast. I lop gariani
3	99	1				Sail on the Bah suited the fore Royal
5	10					Lore top fail to Repair. Anned
6	10	,				away the misen loyal & sent
8	999		19.00			down the Prigging.
9	9		WeVW			Gnds Gasant With a rine Direct
10	9					burient the &. West. 20 miles.
12	9			i		Latitude. Die 270318.
Cours	(1) 0	Jist.	P 1	1 . 4 .		R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.
111	14/	13	//	200 2	03	3.5.27°31 2/2 3°51 44°25 42°21'5

	C	110	idas	from	(anton	towards	Bestern.	
	Н.	K.	H.K. Courses.	Winds.	L.W.	Remarks	Midnesday	June 23 /	519-
	1 2 3 4 5 6 7 8 9 10 11 12 1 9 10 11 12 1 12 1 12 1 1 12 1 12	8777888887787777877	Marie of the Course of the Contract of the Con			Begins to Cloudy Stee Mast Stee M G (r.	Misel of the market the market	Thronge, a le forthe think.	n.v.
ı	12 - Course	I L	Dist. Diff Lat.	Dep. La	t. by D	. R. Lat. by Ob.	Varia, Diff. Long.	Long. in Long. b	y Ob.
	£84,	1:01	96 03'	196		27.34	21/1 3042	40.43 3500	3'CAC7.
	Н.	K.	H.K. Courses.	Winds.	L. W.		Inuthitay)		849.
	1 2	7,	W. N. W	1858		Begins	with fresh (Breeze X	
	3 4	177				Set.	Wenther . W		GUINS
	5	17:	1			Maddle	Part Sy	naxly.	
	7 8 9	77777				at 6 ch	PM. took	n bee stee	Time
	10	77		8 her S	P		M. han led	in the 1.	E of
+	12	.7	Why N			braces, L.	M. han led	pit: Xistary	Las do
	2 3	7				Ends W.	the fine!	Breeze X	
	· 4 5	1/4				(Pleasan)	1- Weathe	1.5	
	6	7~							
	8	177	1						
	10	8	1				(1	
	12 Course	7	Dist Diff. Lat.	Dep. La	t. by T	D. R Lat. by Ob.		Long. in Long. b	
	879	iw1,	71' 33'			4	21/2 3°10'	37°33 35	

C	Mie	lete	1	from	Ca	nlon	torvar ds	Bester		
H.	К.	н.к.	Courses.	Winds	1, 4.	Remarks &	on Friday	fine 25 th	1819.	
1 2 3 4	77	1	West.	ENE	10%	01-30		Minds fa	augsands,	2
5 6 7 8	12/2	1		the Carps	M. mil	Haysuit the lack repaired ugain,	fit & car	il again.	iony the	
9 10 11 12	8 9 10 10			See Just	Sold get	wway i	hent there BootM. the	steering a nativest a lasting of	it aga	de la
1 2 3 4	10 9994	11		of the state	st Guil	The mann	the Troya	is let Co.		die le
5 6 7 8	10 10	1		of and	treeth Wie	in ton	Book M. Son	fails, List t down in 80 Migged the down to	the pare	and a
9 10 11 12	5 3 2		SW ighti	103	0	1	raide agh	Wohll det	toh	, -
Course 13,	190 2	0.5	Diff Lit. 129' Courses.	1	0.10	1.5.3012	Varia Diff. Lo	1 3432 32 32 June 26	2.8'6.	it.
1 2 3	2 2		Fliest.	West W	L.W.	Begins	With to	hight Alleno		
4 5 6 7	5 4 3 3	1	Whyer	2 miles.	1/2	atito	the lotes	infi & son	gle d loh	,
8 9 10 11	3 4-4	/	W/2. 8.	of the		gettant filiga filiga Sails,	it, at	an led don 10 19 M. st Wain to	h garda	ani
12 1 2 3	4444			Curre		Migen Ul 6 :	of gallar He M. hau Best york	led in the	e livea to	the.
4 5 6 7	4311	1		in Mi		Lower de stee s'y lo sails,	ny sails, in mast.		Soll Con	
8 9 10 11	2 5 5 5	111		1. J. O.W.		top gall	ine vaids, ant sails,	look in for for fib. Still the mode. Cloud	illes ?	zen
Cours	ξ. I	Dist.	Dift. Lat.	Dep. La	t. by D			Catchede 36	31.08	
151	8	351	54'	66 3	3100	6 3100	1 2/2 tot 101	6' 33°16'3.	1°12'8	Æ.

c fil	daes	from	Canton towards Baston.
Н. К.	H.K. Courses.	Winds.	L.W. Remarks on Sunday fune 27 11819.
1 6 2 6 3 5 4 4	Whys	ENE	Regins With Cloudy Weather of moderate Winds, I steering sails. Of the in all steering sails. Brienge Cloudy With hain & steet Brienge
5 3 6 3 7 2 8 2 9 8	1 1 WSW	E 9E	Redouble Roofd the John fails.
10 7 11 6 12 6 1 7 2 7 3 6	/	1	It the other read the handed they have the sail. Selouhed the thanker, with the the the the the the the the the t
4 8 5 8 6 8 7 8 8 8	1 West:	ENÈ.	the layboard braces fit his & manker of loosed the main laid with Set the voice to a mast
9 8 11 8 11 8 Course 1 1	f Diff Lat.	Dep. I Lia	t. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
	64' 106'	1	2°55' 33°06' 2/2 2°29' 30°47 28' 43'
ii. K.	H. K. Courses.	Winds.	L. W. Remarks on estanday June 28th 1819
1 9 2 9 3 8 4 5 5 6 6 8	West:	Land Rosenfe.	Begins With wheth Breezes & Massaul Weather. All the Massauld main lofe ya hunt sair. At 4.30,0 M. Med main los gallar of the larbourd main los gallar wheering sail.
7 8 9 8 9 8 10 8 11 8 12 8		1. discoveried	Middle stiff Breeze & Cloudy. It 2 of M. the Urind hauled when a all stocking sails top gulfant sails in all stocking sails. lot 4 of M. Louble Wheel Spanker. Ut 4 of M. Louble Cheefed the Main, & fasted the fore
1 8 2 7 3 4 3 5 4	1 218 W. 1 Sto 1/2 3	At 100th	Reefd, at 7 set the fore top mass
7 3 8 3 9 4 10 4 11 3 12 5	SSW CV 746		down the staysail. I set the fit. At 10 Set the gallant sails. I from the mast speering and from some on Deck mast speering and Ends. With moderate Porcege; Ends. With moderate Porcege;
	Dist Duf. Lat. 51' 95'	1	34°41' 34°49' 2/24 2°22' 28'25 26°21' 6.7.

c'	Hia	lus	<u> </u>	from	66	anton wowards Besteri
Н.	K.	н.к.	Courses.	Winds	L. W.	Remarks on Tuesday June 29 1810
1	5		Worth	West.	-	Degins with Teasant Weather
2	4		196.9			Light Winds, 611 1 Pollout
3 4	422		Aldinid's	u		neers. It I Will cacked this head
5	3		Piest.			Of 8 offith Breeze Single ree it the
6	43		Wings.	cV 210	10/1/10	111 0 1611 look in lot galland fuil
8	3		10.190.			The Motion ker. Out 10 Double high
10	4.		12-1 70.	Pariable		the woh sails. I set the migen &
11	4		3 4			fulled the ene frmingen lot dail
12			1 14 2014 :		5.8	A row, & main bourse, 13 to propos
2	'NA	15	12 mile			Wit to the It. handed down fore total
3	1	er A	out.			mast staysain at 8 Hore ship
5						to the North & Gart al 10 the
6 7						the mate, of set the mines when
8			.0			Mail. Ends With a Spale.
9	Cha	0.0	orth .		6	cho Observation the Cay
11	1 / 1	110	2 miles			ourrent of felt. 40 miles.
12	his	160	us.			
Cours		1	-	1		R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
ジュ	16 7.		(06	20 3	0 0	none 25 2 27:53 25° 49
H.	K.	н.к.	Courses.	Winds.	L.W.	Remarks on Wednesday June 30 1819
1	24	clo	th		6	Chilipins Colored In 1
2 3		4	rast /2 cm for	from.		Bifrequent dana lis on ham,
4		}				Will fail being quited out the main
5	11/2	VE	y li	Hin	5	Let the original tob fail. Close weit.
7	2	-	e Vosth		4-	I can't the lave belaydail, Cal 6
8 9	2		`- (the Gale irrating set the for the
10	2		Niela.			det the kore dail. Al Cotott. out
11 12	2 5					all Recent & set the fic. & Stante
1	3	_	Worth -		2/2	Al Sot Westert a cort John gardians
2 3	2 2					with 100 folhomes, No wottom.
4	2	1				1 0.00
5	2	1.			.1.	Ul Sail on Sugart.
7	3		wo Lee			Creds With Light Winds.
8 9	2	1				& readant Weather.
10	10	1	,			Eurrent West 20 mites
11	Gal	327				
Cours	se. L	ist.	Diff. Lat.	Dep. La	t. by D.	R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.
eV 2.	20 4	5-1		4		3 34.42 2/24 20 2733 25029
						100

	CI	(/1	ill	7.1	from	6	anton. towards Boston
I	I.	K.	H.K	· Courses.	Winds.	L.W.	Remarks on Thursday July 1. 1819
	1 2 3 4 5 6 7 8 9 0 1 2 1 2 3 4 5 6 6 7 8 9 9 0 1 9 9	613333346× 8884 4460A	m ! !!!!!!!	BleVW LW	ENE.	Cutrent Wig S. Howle,	Begins Pleasant With Eight Wounds. At 1 PM sent left main lop mass By top gallant steering fait booms, but the fore of main the gastant of main top, must Lower steering saw ant left. Muin Royal mass lard clest the sail. At 3 PM spoke a Partiquese Brig. From Maderia bound to Moghmingue. Maderia bound to Moghmingue. A lof gallant sheering sails. Siof gastant sheering sails. Soft fail on the Cap, let gharded lof fail on the Cap, let gharded lof gallant sails, by hoisted the main top mast. Look in Lee main top mast. Look in her steeting sails Of lote M in ast steeting sails of braced lip shails of the fire lift of braced lip shails pead to the Fill.
Cou	2 3	3	ist.	Diff Lat.	Dep. La	t. by D	Ends Feusant. Latitude Obs 3456. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
88	31.10	9	6'	15'	1	4°5	
H	. F	ζ.	н.к.	Courses.	Winds.	L. W.	Remarks on Friday July 2 1819.
	2	43331133311	11 111	SUPLULA SUPLULA W. SUPLULA SUPLULA SUPLULA			Begins With Light Winds & Bleasant Weather at Booms on all the Steering said. Booms on Deck. At 10 Dell. lacked to the S. W. Middle Light Winds & Pleasant Weather. Who of Squally furted the Main Royal. Natter Oast Pleasant & M. Cinds. Ut 12 facked to the Northward
12 Cou	2 6	3 Di	st	Diff. Lat.	Dep. Lat	. by D	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
	10/10			37'			3' 35°26' 24 10' 24°57 22°53'

	file	ia.	/	from	Call	rich	torvara	els 1	rester	71.	
11.	K.	н.к.	Courses.	Winds	1. W.	Remarks	on Saturi	day fu	ily 3°.	1819.	
1	.3		cherth.	Wilippel.	-	Begins	with n	lode: u	te 200	ecije .	
2	,3					Spl Plan	adant li	1 1/2	2011	Luain	
3 4	4	,				The yas	ds. Vesen	t. al	off Ro	78 X	
5	7				6	main .	loh ma	11. X1	Lot go	1 This	
6	Chal	27			1,0	roser !	canain 6	10.2 m	rast	Conster	-
7	1		7: . 8	01	7	C. 10 %	gallans	Ha Silce	ling for	itel.	
8 9	3	,	daly 11	COV O.	1 th	if 2	haused in	n the	Lasi	card	,
10	3				3	13/200	. ix it of	in (F)	laine	of me	c-5+.
11	2	1				1. Isou	er Riceri	ng Na	ils. i	91.50	7.334
12	3	/			1.	in all	Steeting	Saild.	Sin	acod 20	6
1 2	4	,			Ja 1	Yelent	the Or	coms,	on a	look,	
3	5	1/			3	it S.	of All wow	nded	in /2	Jathon	25
4	6	ĺ			1	Water.			2		
5	5	1				nt 10	. 30 AM.	Kurti.	1 the	Mean	
6	5		West.	chall.			at 1				
8	3		1000				the Total				
9	4		Stiby lija	6.	an	that and	igen los	i gada	and .	Fail.	c
10	15	,			2		Ship to				
12	6				1		The state of			6º 35°	1
Cours	e.	Dist.	Diff. Lat.	Dep. La	. by D. R	R. Lat. by C	b. Varia- Diff.		ong. in Lo		
Pay	148 7	6'	25%	72' 3	5.51	1 3505	1 21/4 1.			1.240	
	177					7)	· Itmi	179	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1810	
H.	-	·	ev Elica		L.W.	Kemarks 6	n Sunday	4.5	jury.	379	
2	4		ON G beil	CN I.V.		This ?	ay isgens.	With	Cloud	y Wear	for.
5	4	/	CNEN 6.		1	1 dresh	ibinds.	1/ 5.	.7	2.	
4	4	/			0	21 3	1841. 1h	Ma	low	Which	
5	4			•			ight out		6 PM.	Jacke.	
7	3	1	Stoball		1 / 2/1	Vas 13	to the			and so	
8 9	3.	1	In har Solf	?	1	,	the Mas		pal I	0	
10	2	/			1 7	Pyru	,	1 . 1. 1	27/11/	look in	
11	2						ilant so	1 1	EK SA	Stran	lec.
12	2	/	25 4 6	·	90 1	ittes:	211 I lou		ecid e		7
1 2	2	/	li by f		2,2	ousais	s. usied	the	main	Sail.	
3	2					7	d the	n .	1 ,		
.4	2				1 9	Main 1	Muzen	8 nors	top	mass	
5 6	2		Slibering)	21/	Mass N	the fore	12 m	dnigs	at tota	re
7	3		The day is			2 .1	the sore	1 11:	Sain,	Tetall of	a. F. 1.1
8	3.					10 1 1	est lut			peter de	al.
10	3		Ch'Eluich		1	//	h. sails,	- 15		e mas	en
11	2	1	et Gast		4	sit.	at 10 ic		ex out	ox the	
12	2	1			i	/	011/2	THE CHECK	1. richer	013 35	7.5
Cour	se.	Dist.					Ob. Varia. Dit	f. Long. L	ong, in L		
CV6	6 uc 1	10'	+101	9 3	5.4%	55 34	51 21/21	11' 2	3.1/2/2	1. 13'	
							u				

C. Hida,	from t	Canton towards Buston
H. K. H.K. Courses.	Winds. L.	w. Remarks on chlonday july 5 1/819
1 2 / Why w	Noyw.	Begins with moderate Breeze
4 1 20/2 8.		At 8 M. wish Orrain & Squatto At 8 Mill wish Orrain & Squatto Discovered a shir in our the Bown
7 1 1 1 Why S/2 8 2 9 3	2	tohsails. at 9:30 Close Recfet the main & fusted the fore & migen
10 11 1 1 1 0 by 8. 12 1 1 c C by 1		Hoysails. I fulled the fore & main
2 1 1 cv my W.	2	Set it. Mart. Squally, Gold & Oraing
5 4 1 WWhy W 6 4 1 7 6 8 6 1	Sty W.	at 2 of M. Set fib. & Granker. Who Box set the mainsail. Wit 4:30 of Al. havied up mainsail lock in his & Granker. At 5 let - 1 Reefout of the lor sails &
9 7 /		Reefet the maintsail, at gret the fre. Cheefet the Spanker, & set it.
12 7 / Dist. Diff Lat. 0884 63' 2'	1 -1 -1	Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 243' 35"38' 2/2 1018'W 21'59 19"55'6 ct.
H. K. H.K. Courses.	Winds. L.	w. Remarks on hierday July 6th 1819
1 7 Ch liby	Winds. L.	W. Remarks on Tuesday July 6th 1819. (Progres 18.11 grash Process & Juging Comments at 1.30 19.11. Let 1 Program.
1 7 CN 10 by. 3 6 / 4 6 / 5 4 /	14.00	Byons 18. the grash Breages & Juging
1 7 CN 10 44. 2 3 6 1 4 6 1 5 4 1 6 3 1 8 3 9 3 Vivino	186. J.	Ands With presh Preages & rying (lands. Al 1.30 1) Il let I Program of the long and said And the rore & main and down the part & main staysails, all 3-30 (M. sent alot the fail a gallant yata, & sel the fail a fine lot gallant yata, & sel the fail a
1 7 CN 10 by	186. J.	Ands. Of 1.30 M. H. let I mer ou in the long of the gallant wants. Of 2 P. H. handed down the fact the fail of the long ails. I sail the fail of the long ails. I handed down the Phizen Stay ail. Whiddle light thinds. I Oleasant
1 7	M. 15 miles m. 200 m. S. C. Marker W. Marker	Ands It I sould the for & main staylaits, all the Sail Minds of the look and and the Sail of the look ails of the Color ails of the Color ails of the light of the Color ails of the light thinds. If Cleasant alarted, and the main of the look ails of the light thinds. If Cleasant alarted, all the other with the main alarted, and sent all soft the main alarted. And sent all of the main
1 7	Solve of yord Hole was of the	Clouds Al 1-30 M. H. let I received the long of the logisaits. Int the rose of main down the fact of main staylaits. And the fact & main staylaits. Al 3-80 CM. sent atold Mugen to gallant yard, Reset the fait. A sail of the lopeaits. Should down the Migen Staylait. Whoddle light Winds. V. Olcasant. Whoddle light Winds. V. Olcasant. Cathol. Al 6 other sails. for the main. Crogal yard. Emast. Set lie sail. Crogal yard. Emast. Set lie sail.
1 7	Solve of yord Hole was of the	And Sent What the main of the main of the Cape of the Cold of the main of the loss of the contract of the main of the contract of the main of the contract of the main of the contract of the
1 7	Dob's Tar 19 May 1900 Mayor War 18 19 19 19 19 19 19 19 19 19 19 19 19 19	And beat of the Minds of the main of the And Seat of the Colors of the C

i	Mil	dets	from	Canton wards Bastell	
H.	К.	H.K. Cour.	ses. Winds	L. W. Remarks on It conesday fully your 819.	,
1 2	1	cvi	of inco	Begins with Light Winds &	
3				Micasant Mathes.	
4 5	1 .	1 WW	35	det 5 All set man les garden	, X.Y.
6	1	1	con	lot Imast steering wait let	
8	2	este		Vering & hauting soi 10, 1000	1
10	2	cvicv	u g	Chiddle and Light Winds were	,
11	2	1		Pery Reasant.	
1	3	city	· E.	lift 1. 1. 11. instead thinks.	
3				at 6 of M. tacked ugain.	
4	3	616		ill 11 Mil broked again	
6	2	1 5112		Ends With sight Winds	
7		chort		und Hersant Aleather,	
10	1 ~	104/2	20.	At 6 table ground in sight beating	hác
11		1 stir	9 16.	Love 6/2 1. Distance. 3 Gamiles, Antile	
Cou	-	Dist. Diff. L	at. Dep. La	t. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ub	
1	Sli		11 1 1	4.45 34.42 22 39' 19.45 17.41'6	
Н	. K.	H.K. Course	rs. Winds.	L. W. Remarks on Thursday July 5th 1819	
	1	su	ext. HE & is	Begins With Light Winds &	
	3 /		" Sh	Deasant Weather,	
		2	Jan San	at 6. Will brosed like on the	
	. Ga	Vm	200	At 10 Poll. Squared the yards	
8	3		35.30	Let Steering Sails.	
10	2	cr'i	i. I so	at 2 orett. fived Shin.	
1:	1		200	at 12 meridian took in the Liger	
	14	/	2 4 3	main toh mast steering Sails.	
	3 5	1	The Bar	Ends With fine Weather &	
81	5 6	/ NW	al ala	South Gast Winder -	60
	5 7	1	Jo John	Latitude of the Cape 34°26's Longitude Do 20° 18°236	07
11	6		a John	Longitude 20 210 180236 Distance from the Cape of Good Hope	
. 10	06	,	and and	to St. Holona. is 1716 miles.	
13	1	1	So al	Latitude. Of 330	11
Col	OSc. 1	Dist. Ditt. 1	0111.00	it, by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.	4-1
eN.	8341	13 1.6	6 112 3	34°10 34°10 2/2 2°15' 16°08' Cont	

11 121	from /	antill towards Biston	
Cillette			
		Remarks on Friday July 4 1819	
1 8 Na 10 % le	of Gart.	Begins 119th Sale Breege 8	
3 8 /		Took in Main to h mast 8,	
4 9 1		Lower steering dails. & haured	2
6 7 /		11 For Broces (A) 1 Jelle Ch	
7 6 1 c/w/2cm	1/2	Steering sails & braced Whe dhar	
9 6 ev Ev.		illiand, here	an Car
10 5 / NW Gu		at a still fait doubted apply	
12 5 /		I I I I William 2 but	int
0 6		the tondails, & furied top galle sails, at 5 AMI puried the fre	4,
3 4 1 20 by 3/23	3	Stanker. At gotal. hander majnetail, outled the Migen it	the
4 4 /		maindail, outled the Mugen it	. f.
6 4 1 1 1/2 8.	3	Close Rayd the fore & main,	0
7 4 3		Set the main, & Mizen Starged	e Eds
9 3 West	4/2	gards, & furled the rose tok sais	a 41 7.
10 2 /		Ends With a Gale: & harry	- >
12 2		Latitude Of 3400. D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	
Course Dist. Diff Lat.	94' 34° 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
01896 94	V'	0 07 07 111 7 70	
Children and the Control of the Cont		e lation	
H. K. H. K. Courses.	Winds. L. W	. Remarks on Saturday July 10th 1819	
1 2 / 1/195	Winds. L. W	1 20 1081	d
1 2 / 1/1/4 st	NNU 4	C Duit of Cale of Illin	d h
1 2 / 1/19 f 2 2 / c/6 in 4 2 / c/6 in	W. Vu 4	Commences With a Gale of Win & Rainy at 2 PM. Work the to the ENON E. hauled down file Let the fore top mast stappen	d h
1 2 / 1/19 f 2 2 / 0/6 m 4 2 / 0/19 6, 2	W. Vu 4	Commences With a Gale of Work the Rainy at 2 PM. Whose the to the ENON 6. hauled down fill Lott the fore top mast the former at 6 PM. Sel the fore to me.	d h en M
1 2 / 1/19 5 2 2 / 06 6 6 6 1 5 2 / 06 16 6 6 7 3 / 06 16 6	W. Vu 4	Commences With a Gale of Winds & Rainy at 2 PM. Work the to the ENON E. hawled down fill Let the fore top mast the fore top mast at 6 PM. Set the fore top mis top sails, Close Reefel at 8 of	d in in
1 2 / 1/19 5 2 2 / 06 6 6 1 5 2 / 06 16 6 1	W. Va 4	Commences With a Gale of Win & Rainy at 2 Pell. Work the to the ENOVE. hawled down file Lotet the fore top mast stay for at 6 PM Set the Fore Xomes topsails, Close Reefd at 8 of	d for the second
1 2 / 1/19 5 2 2 1 06 6 6 1 4 2 1 06 6 6 1 5 2 1 06 6 6 1 7 3 06 10 10 2 1	W. Va 4	Commences With a Gale of Work of Rainy at 2 Pell. Whose the State the fore top mast stays and at 6 Poll Sel the fore top mast the fore top mast the fore top mast the fore the maintail. Left it the first time this longage.	d a con
1 2 / 1/19 5 2 2 / 06 6 6 6 1 5 2 / 06 6 6 6 7 3 / 06 6 6 8 9 2 /	2/2 2/2	Commences With a Gale of Wind Stand of the Rainy at 2 Pell. Work the Rainy at 2 Pell. Work the Stand of the Sold of the Sold of the Sold and Set the formal of the Sold and Set the Sist time the Sougage. At 11 Pell. set the fit. I stand of the sort of the formal of the	d he had
1 2 / 1/19 5 2 2 / 06 6 6 1 5 2 / 06 6 6 2 / 06 6 6 2 / 06 6 6 8 1 10 2 / 10 2 / 11 3 12 4 06 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2/2 3	Commences With a Gale of War & Rainy at 2 Pell. Work the to the ENON E. hawled down file Set the fore top mast strains at 6 Poll. Set the Fore Xomis top sails, Close Reefd at 8 of Roefd the Mainfail. Let it the first time this Voyage. At 11 PM. set the file of the for Leshook 1 Reef out of the for Leshook 1 Reef out of the for Leshook 1 Reef out of the	re
1 2 / 1/19 5 2 2 / 06 6 6 1 5 2 / 06 6 6 2 / 06 6 6 2 / 06 6 6 8 1 10 2 / 10 2 / 11 3 12 4 06 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2/2 3	Commences With a Gale of Work of Rainy at 2 PM. Whose the Rainy at 2 PM. Whose the fore the hauted down fit when the fore top mast styrian at 6 PM. Set the fore of the formal topsails, Close Reefd at 8 of the first time this Voyage. The frame the fit of the fore main topsails, lat 2 the fore main topsails, lat 2 the fore whose of the fore who was the head Why & & Stock Was the head Why & & Stock	re
1 2 / 1/19 5 2 2 / 06 6 6 1 5 2 / 06 6 6 2 / 06 6 6 2 / 06 6 6 2 / 06 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2/2 3	Commences With a Gale of Windship of Rainy at 2 Pell. Work the Prainty at 2 Pell. Work the Start the fore top mast of figures at 6 Pell set the fore Regard at 8 the topsails, Close Reefd at 8 the friest time this Voyage. The first time this Voyage. Shook I Reef out of the for Smain topsails, at 2 the first Work of the fore the first the first the first the fore the fore the first the first the fore the fore the first the first the first the first the fore the first the fi	re
1 2 / 1/19 5 2 2 / 06 6 6 1 5 2 / 06 6 6 6 7 3 06 6 6 6 7 8 8 9 2 10 8 6 6 8 1 10 10 10 10 10 10 10 10 10 10 10 10 1	2/2 3	Commences With a Gale of Wind of Rainy at 2 Pell. Work the Prainty at 2 Pell. Work the Start to the ENCY 6. hawled down fill at the fore top mast of fight of the Post of the Mainfail. Lot it to the first time their Voyage. The first time their Voyage. Land of the formain tophails, at the fill of the for the first of the for the first of the formain tophails. At 2 the the first of the for the first of the fore the first of the fir	tred tobl.
1 2 / 1/19 5 2 2 / 06 6 6 2 / 06 6 6 2 / 06 6 6 2 / 06 6 6 6 6 7 8 1 06 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2/2 3	Commences With a Gale of Work of Rainy at 2 Och! Work the Rainy at 2 Och! Work the Rainy at the ENCY E. hauled down fill of the fore top mast stappen at 6 Poll Set the Fore the first time their logage. The first time this logage. It is stand of the fore the fill of the fore and top sails. When the fill of the fore the fill of the fore the file of the file	tred tobl.
1 2 / 1/19 5 2 2 / 06 6 6 1 5 2 / 06 6 6 7 8 8 9 2 / 06 6 6 6 7 10 2 / 06 6 6 6 7 11 2 4 06 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2/2 3 2/2	Commences With a Gale of Wind of Rainy at 2 Pell. Work the Prainty at 2 Pell. Work the Start to the ENCY 6. hawled down fill at the fore top mast of fight of the Post of the Mainfail. Lot it to the first time their Voyage. The first time their Voyage. Land of the formain tophails, at the fill of the for the first of the for the first of the formain tophails. At 2 the the first of the for the first of the fore the first of the fir	tred toll.
1 2 / 1/19 5 2 2 / 06 6 6 1 5 2 / 06 6 6 6 7 8 9 2 / 06 6 6 6 7 8 1 06 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2/2 3 2/2	Commences With a Gale of Work of Rainy at 2 Och! Work the Rainy at 2 Och! Work the Rainy at the ENCY E. hauled down fill wet the fore top mast stappan at 6 Poll Set the Fore Xe mis top sails, Close Orcefa at 8 of Reefa the mainfail. Lefet it the first time this logage. It is from the first the first the for the formain top sails. At the first the formain top sails. Out 2 Hoth. Work which head Why S. & Story the first the first of the fore the first of the fore the first of the fore the first the first of the fore the first of the fi	tred toll.
1 2 / 1/19 5 2 2 / 06 6 6 1 5 2 / 06 6 6 7 8 8 9 2 / 06 6 6 6 7 10 2 / 06 6 6 6 7 11 2 4 06 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2 1/2 3 3 2 1/2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Commences With a Gale of Wind of Painty at 2 Pell Work Show the Post the Lower fill of the Love to the fore top mast stranger at 6 PM fet the fore Xeming and he for the mainfail. Let it the first time this loyage. The first time this loyage. If It PM set the fill of the for Lethon Work I Reef out of the for London to the fore to the fore the first time they are to be said. I have the first the first the fore to be said. I have the first the f	tred toll.
1 2 / 1/19 5 2 2 / 06 6 6 1 5 2 / 06 6 6 7 8 3 / 06 6 6 7 8 3 / 06 6 6 7 10 2 / 06 6 6 7 11 2 4 06 6 6 6 7 11 2 4 06 6 6 6 7 11 3 16 7 11 3 16 7 11	2 /2 3 2 /2 3 3 2 /2 2 /2 3 3 3 3 3 3 3	Commences With a Gale of Wind of Painty at 2 Pell Work Show the Post the Lower fill of the Love to the fore top mast stranger at 6 PM fet the fore Xeming and he for the mainfail. Let it the first time this loyage. The first time this loyage. If It PM set the fill of the for Lethon Work I Reef out of the for London to the fore to the fore the first time they are to be said. I have the first the first the fore to be said. I have the first the f	tred toll.

B. K. B. K. Courses. Winds I. W. Remarks on Dienday July 18 18 18 1 2 1 10 16 16 16 16 16 16 16 16 16 16 16 16 16	0	M	ala	3.5	from	Canton wowads Boston
1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Н.		1	1		
mind the first Media to Mind the first merical of the first the fi	1		1	West.		
The both of the first the		1 -	1			of 2 Soil the Gate meren
In any life with the property of the property of the part of the p	4	2	1			Juned the fire & Muyen
the fact left ment left ment laprible 3			1			
10 3 11 2 12 2 12 2 13 2 14 2 15 4 16 44 / Child 2 16 44 / Child 2 17 44 / Child 2 18 4 1 Child 2 19 3 10 2 10 2 11 2 12 2 10 2 10 2 10 2 10 2		2		ch Gast.		I de la
11 2 2 Course Late of the la						1///
12 2 3 2 4 2 5 4 7 4 1 Called a Middle past fine Weather and the source of the state of the stat				, }-		
Middle hast frame Weather White the conferment of the state of of	12	2		Charlinal	,	4 lepisielle (It 4 2011 surved the
The state of the s						Middle hast fine Weather
Course Dist Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. K. H. K. Courses. Winds. L. w. Remarks Armetay July 12 1819. A. Market Market				N/ le		but it heavy wea.
The factor of the first of the	5	4				laterarile at (1)
Ourse Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. in Long. by Ob. CNTO 24 21 3 33'42' 33'29 24 5 6 14 3 6 6 6 H. K. H.K. Courses. Winds. L. w. Remarks & Honday July 12' 1819 Beginst With Honday July 12' 1819 Remarks & Honday Ju						12 61 5 chel more moderate set the
Dist Dist Dist Dep. Lat. by D. R. Lat. by Oh. Varia Dist. Long. in Long. by Ob Course Dist Dist. Dist. Lat. Dep. Lat. by D. R. Lat. by Oh. Varia Dist. Long. In Long. by Ob H. K. H. K. Courses. Winds. L. w. Remarks & Honday July 12 1819. Beginst With Pleasant Worth St. Winds. L. w. Remarks & Honday July 12 1819. Beginst With Pleasant Worth St. W. Remarks & Honday July 12 1819. Beginst With Pleasant Worth St. W. Remarks & Honday July 12 1819. Beginst With Pleasant Worth St. W. Remarks & Honday July 12 1819. Beginst With Pleasant Worth St. W. Remarks & Honday July 12 1819. Beginst With Pleasant Worth St. W. Remarks & Honday July 12 1819. Beginst With Pleasant Worth St. W. Remarks & Honday July 12 1819. Beginst With Pleasant Worth St. W. Remarks & Honday Market Worth St. W. Market Worth St				04 6 9 9 1	9.	Inter garlant musts. & yards of
Course Dist Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob Note 24 24 3 33.42 33.24 33.24 36. 14.37 End H. K. H. R. Courses. Winds. L. w. Remarks Honday July 12. 1819. 1		2	1			Conde With Light, Winds & West
Course Dist. Diff. Lat. Dep. Lat. by O. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob CNTO 24 24 3 33'42' 33'29'24 3'6 14'37'6.dd H. K. R.K. Courses. Winds. L.w. Remarks & Hornday Subj. 12' 1819. 1 2 3 Cabin. Lat. Dep. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. No. Varia Diff. Lat. Long. Long. by Ob. Varia Diff. Long. Long. in Long. by Ob. Varia Diff. Long. Long. by Ob. Varia Diff. Long. Long. by Ob. Varia Lat. Long. Long. by Ob. Varia Diff. Long. Long. by Ob. Varia Long. Long. Long. Long. by Ob. Varia Diff. Long. Long. Long. Long. Long. Varia Long. Long. Long. Long. Varia Long. Long. Long. Long. Varia Long.		2				1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
H. K. H.K. Courses. Winds. L.W. Remarks of Friendry July 12 1819. Brying With Pleasant Worther Sugar Course Street the Property June 18 18 18 18 18 18 18 18 18 18 18 18 18	Course	: [Dist.	Diff. Lat.		at. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
Begins With Prespect the the Start of the St	cs/7	6. 2	4	24	3 3,	3.42 33.29 2. 3' E 14.37 Gret
2 3 Carm. 2 depth light light to light to long heavy must. All 2 M. houted light the most of the part	Н.	К.	н.к.	Courses.	Winds.	L. W. Remarks O Honday July 12 1819.
10 2 1 With out & Hande All Minister of the fore & Minister of the fore & Minister of the fore & Shanker of the fore & Minister of the M	1	0				
Jit & Spanker all housed as well, to be gottant sinks & hand and the gottant sinks & hand and the gottant sinks & hand and the gottant and the fire & Spanker. 10 2 11 3 1 12 3 1 1 10 by 4 1 10 for a mind the fire & Migen copy thank the fire & Migen copy thank the fire & Migen copy thank the fore is mingen to be gottant that the fore is mingen to be gottant of the fire the mind of the standard of the the minder of the standard of the st		Can	177 -			
10 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5				A)	
10 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 6 7		•			
Midale Part Pientant. 11 3 1 12 3 1 13 1 14 1 18 ly 4 16 1 1 16 1 1 1 10 10 10 10 10 10 10 10 10 10 10				1 3 20 00	16.66	The first of the second of the
12 3 1 2 4 1 1 18 by 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2	>	· · · · · · · · · · · · · · · · · · ·	CINCA O	
Jose & Migen in high delant sails 1 1 1 1 1 1 1 1 1			1			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			,	6 11 14/1	4	for & Mizon inplatement soils
10 14 1 Migel. Che C. Che C. Che C. Course. Dist. Diff. Lat. Dep. Lat. by Ob. Varia. Diff. Long. Long in Long by Ob.	1 1	4	1 2	1864.4		
6 11 1 West. With John Waria Diff. Long in Long by Ob.	4 5		1			
8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6	1	1	West		
10 1/4 1 Wigel. Course. Course. Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long by Ob.		14				the the Michigand
12 3 1 Leatende C. 3 33°43° K. Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.		4/4		00'	Cle C.	Ends With Fine Weather.
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.		3	1	Clych.		
1716 53' 17' 51' 33'46 33'49 24 10 01' 13'36'		. !	vist.	Ditt. Lat.	Dep. Lat.	
	177	11 5.	3'	17	5/1 3.	33'46 33'49 231 10 01 13'36'

Midas from towards 1/1/1/11/11/ Carroll. H. H.K. Courses. Winds. L.W. Remarks on huesday Wes W 1/2 3 1 Begins With fine Weather 3 2 heavy head rea. ,111 3 3 Reefd Coplails. the Strange 3 4. gallant Said. Wigel nearly in our makes (Il 3 30 houte 5 3 6 Whyer her 3 (11 12 mednight love Ship. 3 3 to the Castloard. 3 10 3 Ol 1. otall the Ship Withing Whileyer Ild. but it bearing fresh 3 12 cV East. not 3 Mucak her 3 30 otall. Set the file, hee'd N 8/2 E. 3 W Franker. & det il 3 4. 3 otell set top gallant Sails 6 hund the Reefs out of the sharke 4 at gotell fund the hints out 4 8 topolarili. EN 8. 3 9 Ends with Pleasant Weather. 3 10 BN 6/2 6. 3 11 Continue l'is " 33° W South 10 Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob. Course Dist. Diff Lat. | 21/2 100 13.06 Cart. 33° 10 33° 11' 30' 39' 25' N336 46' It ednesday July 11, 14 H. K. H.K. Courses. Winds. L. W. Remarks on Begins With Light Winds c Vorth 443 1 2 Of 4 Pell tacked Ship to 4. 3 Whyer chly 20 Mertineral. 3 2 Middle Part. Cloudy. 2 at 6 of M. Aqually furled er why have 10 the fore & migen lope gantas 1/2 11 8 A. VI. larked Ships to the 2 3 2 3 3 Of 11 Squarty furted the lost 3 4 3 5 3 6 woo w 11 30. a sham squall ass. 33 7 ci'chy E. 12 meridian turned / Reco 3 9 10 3 3 11 Mainy. Conds Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob. ! Diff. Lat. Dist 2// 12°26 12°20 35 32°36 35' 50 44541

	Mi	da	1	from	Canton cowards Boston.
Н.	К.	н.к.	Courses.	Winds	L. W. Remarks on Thursday July 15 1819
1	6		chight	crity E.	This Day Commences with a
2	5		Worth		fair Mind & Change
4	5				at, 3 P.M. look in top galland
5	5	/			Sails. at 4 Pell. Set top gatian
6 7	9	/	N by li.	, S. 61.5.	blaces & let the Reex out or the
8	5		11.10	wist.	Tolonits. (It 10) 11. Squared the
9	17	/	ch ly co.		main top mast, lot gallant, &
11	7				L'aux Heering sails.
12	6	/			Middle fine Price & Tleasant
1 2	17	/		stry E.	Al I of M. sent Whaft the man
3	7	1		3	Royal mast & Gard. Set the
4	12				All 2 toll. Let the star voured me
5	17				tote gallant string fail.
7	7				at 6 ctall fixed this.
8	8	-		J. Cast.	Ends With it fine Breeze and
10	5	/			Cloudy Weather
11	8	/	d a 21.		
Course	6. 1)ist	Diff Lat 1	Den I Lat	by D. R. Lat. by Ob. Varia- Diff. Long. Long. in Long. by Ob.
-			. 1		0°09' 30°16' 21/412 1°57' 10°29' East.
~==	44/				1 29 se 10 1 1 10 29 part.
Н.	К.		Courses.		L. W. Remarks on Friday July 16 1819
1 2	8	,	cver w	16kg 6	Begins with bloudy Wouther & a
3	1 my	1		of other sealing the	hauted down Staysonts. & hauted in
4	14	/			the Weather bigleed & set the Lee mous
5	5				forth in the tree main tote made
7	9				then ing stant.
8	90	1			Standing by Steering Sail Tack's &
10	9	1	-	·	huntyaxas.
11	4	1,			Middle part squally
1	10	/	chever/	C	at 3 A. M. in Steeking Sands. S.
2	10				Graved ich Out fortell furted the
3 4	9				lit & H. Minghe Reged the
5	9	1			tapsails. & partied lofe gallant som
6	9	,			11t 12 meridian Louble lead
7 8	9	1			the lopesails.
9	3				Ends Stiff Breeze & Yaung
10	1/2	/	Nullyd		
12	12	1		Ì	
Cours	c. 1	Jist.	Diff. Lat.	Dep. Lat.	by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
W4	90 2	08	137'	157 2	7059' mone 2ht 2059' 7030'

Midus	from (antell towards Bestell
Н. К. н.к. Сош	rses. Winds. L.w. Remarks on Italianday July 17 1814
1 6 2 / cviii 1	Aghing the Main fire freit your of the main of the stand of the sound by the laterails. Inthe sound the office of the sound of the main of the main one of the main of the main one of the main of the main one of the stand on the charge of the standard of the land on of the standard of t
H. K. H.K. Con	Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. by Ob. The Structure of the continuous of the cont
2 4 1 1 4 5 8 6 8 7 8 8 8 9 8 10 8 11 8	South Begins With sine Weather With Steering Laith sol on the lastoured steering Laith to P. H. the Minny said fore It 1/2 of the Minny said from the forestall, See Ingeris to Guy out the forestall, See the Lee main top Imast steering the the Book main top Imast steering Whiadle frast fine Breeze & Pleasant in Brange said here is the Minny said the sai
12 7 / 1 2 3 7 / 1 3 4 7 / 1 5 6 6 7 6 1 1 8 6 9 6 10 6 11 6 12 6 12 6 10 10 10 10 10 10 10 10 10 10 10 10 10	Seeting stail. At 12 moridian the Strange Sail bore Sight West. Ends With sine Birry & Picasant Weather. All shooring sails soft. Latitude Chi 25037 25037 24t 2 15 409 Cast.

H. K. II.K. Courses. Winds I. W. Remarks on Monday July 19 1819. 1 5 5 1 4 5 1 5 5 1 4 5 1 5 5 1 6 5 1 7 5 8 8 5 9 9 5 1 11 5 1 12 4 14 1 12 4 15 4 1 16 4 1 17 7 5 8 5 7 18 5 7 19 5 8 10 6 7 8 10 8 8 6 10 9 8 1 10 9 8 1 10 9 8 1 10 9 8 1 10 9 8 1 10 9 8 1 10 9 8 1 10 9 8 1 10 9 8 1 10 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	chidas	from Ed	anton cowards Boston
Alasant Weather Control of the Solid State of the S	002,000		Remarks on Monday July 19 1819.
H. K. H.K. Courses. Winds. L. W. Remarks on Thesaday July 20th 1819 Degins With Light Winds L. Deasant Weather At 4 Och Jived Miss. at 1 Och Jived Maje. at 3 och M. Jived Maje. at 3 och M. Jived Maje. at 4 och Jived Maje. at 6 fired Ship. at 7 fived Ship. at 7 fived Ship. at 9 fived Ship. and ended the Day With fiving Ship.	2 5 1 4 5 5 1 5 5 5 1 6 5 5 5 1 10 5 1 11 2 4 1 1 2 4 4 4 5 6 7 8 9 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Almos to Pariable for the R. Wade	Al 3 Pett fire Weather. At 10 Pett set the fore lot gallant steering sails. At 3 et est haused in the larboard steering sails. Braced Up. At 10 of M. Squared the gards and set the larboard steering sails. Ends with fine Weather. Ott hands employed mending Latitude Obo 24.18
Begins With Light Winds Le Peasant Weather At 4 Orth fired thisp. At 1 of the fixed Shipe. At 3 of the Street Shipe. At 3 of the Street Shipe. At 3 of the Street Shipe. At 3 of the Shipe. At 4 3 of the Shipe. At 5 of the Shipe. At 5 of the Shipe. At 6 of the Shipe. At 6 of the Shipe. At 7 of the Shipe. At 1 of the Shipe. At 3 of the Shipe. At 4 3 of the Shipe. At 5 of the Shipe. At 5 of the Shipe. At 6 of the Shipe. At 6 of the Shipe. At 6 of the Shipe. At 7 of the Shipe. At 8 of the Shipe. At 1 of the Shipe. At 3 of the Shipe. At 3 of the Shipe. At 4 3 of the Shipe. At 5 of the Shipe. At 5 of the Shipe. At 6 of the Shipe. At 7 of the Shipe. At 8	Course. Dist. Diff. Lat. CN 484 117' 79'		
Degins With Light Winds Begins With Light Winds Le Pleasant Weather At 4 Pell fixed thisp. At 1 of M. fixed togain At 1 of M. fixed thisp. At 3 of the Ship. At 4 of the Day With fixing thisp. And ended the Day With fixing thisp.	H. K. H.K. Courses.	Winds. L. W.	Remarks on Duesday July 20th 1816
12 2 / Lats theore Oty 23 / Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	1 3 / WWW 2 3 / 3 3 / 4 3 / 6 4 / 7 5 / 8 4 / 9 3 10 3 11 3 / 12 2 / 1 2 3 3 / 4 3 / 5 3 / 6 3 / 7 3 / 8 3 / 9 3 / 10 3 / 11 2 / 12 2 /	Minds Variable enough.	Begins With Light Winds L'O'leasant Weather At 4 O'll fibed Miss. At 1 130 fibed mer again At 1 or M. fibed Ship. At 3 old fibed Ship. At 6 fibed Ship. At 9 fibed Ship. At 9 fibed Ship. At 9 fibed Ship. At 1 fibed Ship. And ended the Day With fiving Ship.

e	Midas	1)	from	Canton towards Boston	
H.	К. н.к.	Courses.	Winds. L.	.w. Remarks on Wednesday July 21'1	19
1 2 3 4 5 6 7	3 0	New Work of the Service of the Servi		Begins with Light Winds L' Feasant Weather? At 1 Poll Braced who on the last coard cach. It look in all stressing sails, All Stressing sails,	
8 9 10 11 12 1 2 3	55 5 4 4 3 3 2 1		atralde.	and luind to Washing Perks Of the West handed in the laid Meather braces. Let the laid Meering fails. Of & PM. bent fit & flying for	oad.
4 5 6 7 8 9	3 1 Calm 2 1			Vinds Continuing light & Variable blacing the spatchs About I piting this Ends these 2 Hours Will Hands employed making Rope mending sailes Bo	u/
Lourse CN4 H.	1 w 62'	46'	47' 22	Latelecte Obre 22 by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 31' 22'32 2w 15 52'6 .w. Remarks on Thursday July 22' 1836	°32
1 2 3 4 5 6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Wer W	8-800	Begins With Moderate Breis inglining to a Calm. Ut & Well hauted in Starting Paces. Siset Lower. Steenings	() () () () () () () () () ()
7 8 9 10 11 12	2 2 1 1 1			Middle hast bleat & Court light Winds. & l'arrable !!	a o is
2 3 4 5 6 7	Calmo	e VeV E. c	vw.fut.	Blaces, Al 8 30 quared in laitor Blaces, Al 8 30 quared in paras So set steering sais is. At 9 oto 14. Tired Ship.	r
8 9 10 11 12 Come	1 1 2 1 2 1	e V e V lu		by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	,
ave	374 32'	26'	1912	2.06 22.01 2/2 21. 31/4	

ollidas	from Canton wowards Deston
Б. К. п.к.	Courses. Winds L. W. Remarks on Friday July 23 18 19
2 2 / / 3 2 / / 4 2 5 3 6 3 7 3 8 4 9 1 1 1 2 5 1 1 5 6 Calm 7 8 3 9 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Signey With Light Uninds Program to Heather. bracing the yards, B filing This let 10 ctoth Saw a large Whate. With John Nels the Old form top mast steering sail. Sist if on the Larthard side. Middle gime Breeze & Plenson X track with on the Larthard Tack with the on the Larthard Tack with Sei att Sturing sails. Conds With South Cast trade (c) W Seast. Cinds With South Cast trade (c) W Seast. Diff Lit. Dep. Lat. by D. R. Lat. by Ob. Varia Diff Long. Long. in Long. by Ob.
c 38 w 82'	64 31 20°57 20°54 12 11 55 0°24 West.
1 5 1 1 6 1 1 6 5 1 1 6 6 6 6 6 6 6 1 1 6 6 1 1 1 2 5 1	Courses. Winds. L. W. Remarks on Saluriday July 21, 1819 Deging With Fine Privage Pleasant Weather Will Sicering sails Satt Of John took in the Majorary Jose top mast sucring sail. Of John sot the riging file Weasant Weather. Of Catch, haused down riging file and set the Hatboard pork tot mast steering sail. Oh hands employed mending Sails. Le other necessary john. Conds With me Dreeze & Groudy Weather. Inth. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia 19th. Long, Long, in Long by Ob. 96' 92' 19° 18'S. 19° 19' 11/18 98' 2° 02 Vest:

Mic	las	from	Cinton towards Boston	
Н. К.	H.K. Courses.	Winds.	L.W. Remarks on Kunday fully 25 1819	7
H. K. 1 66 5 4 5 5 5 6 7 8 5 5 6 6 5 5 6 6 5 5 6 6 6 5 7 8 9 9 6		Winds.		
10 5 11 5 19 5	Dist. Diff Lat. 127 85	Dep. La	Latitude Ob 17 54 Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 17 5 4 1/2 10 40' 3' 142' West.	<i>f</i> '
H. K. 1 6 6 5 7 4 5 5 6 5 7 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Dist Duf. Lat	This Lay took the Bentish	Begins With sine Breeze in Ship. White fired Ship. Middle Cloudy With a little Order. White Cloudy With a little Order. When the Work in Lee Norman Law of South of Stay, and the Stand of the Stand of the Stand of the Stand, at the Stand of the Stand, and the Island of the Stand, and the Stand of the Stand, about the Breeze of Conds with a fine Breeze of Cheasant Weather known and hands employed known by as not the Stand of the S	A

H. K. N. R. Courses. Wints 1. W. Remarks on Secretary July 27 18 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C	Will	l ae	/ ·	from	Canton words Beston
Die Die Die Lat Dep Lat by D. R. Lat by Ob. Varia Die Long of July 28 189 10 8 1 28 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Н.	К.	н.к.	Courses.	Winds	1. W. Remarks on Tuesday July 27/118)
dispose red to Singh, to See Via dispose red to See Via d	1 2	76	1	1 4 4 9 4	86	
Less the an English buff for the form of t	3	7	,	6	68E.	1
Man of War. At 5 Geth Sandard Weller State of St	5	17	64	Gof.	. 4.	of us. Hear the Land. p.f
Stelena bote S. Willy W. Middle hait blondy B. The Director of the Broads on the Broads of the Bro	6 7	14	1	Estina		man of War. at 5 fell. saw
Middle hait bloudy B a fine Breeze. At 8 stell hauled in the Lee Braces. Look in Lee Steering Sails. Course. Dist. Dist. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Dist. Long. by Ob. Assol 183 125 185 14 15 14 14 15 16 16 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	8 9		1	3 3		
a fine Briseze. At 8 of M. hauled in the Lee Briseze. At 8 of M. hauled in the Lee Briseze. At 8 of M. hauled in the Lee Briseze. By Deasant Weather. Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. In Long. by Ob. Wish 183' 121 133 14 15 1430 1/h 2 20 7 39 feat. H. K. N. R. Courses. Winds. L. W. Remarks on Wednesday July 28 199 18 18 18 18 18 18 18 18 18 18 18 18 18		To	1	10 11 20		
Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. In Long. by Ob. Solution of Conds 12	_	٠.	45		a fine Breeze.	
Lee Braces & look in Lee Steering Sails. See Braces & look in Lee Steering Sails. Conds With a fine Breeze B. Diestering Sails. Conds With a fine Breeze B. Diestering & B. Diestering & Branch Weather. Course Dist. Diest. Die		7	1	380		
Course Dist Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. by Ob. Course Dist Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. by Ob. Course Dist Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob. Course Dist Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob.	4	9		3000		
8 8 9 8 10 8 10 8 10 8 10 8 10 8 10 8 10		8		2.6.3		100/
Grew employed knothing & from thing & from t			/	of my	86.	
Course Dist. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. by Ob. Why Dep. Lat. by Ob. Varia Diff. Long. Long. by Ob. Why Dep. Lat. by Ob. Varia Diff. Long. Long. by Ob. Why Dep. Lat. by Ob. Varia Diff. Long. Long. by Ob. Why Dep. Lat. by Ob. Varia Diff. Long. Long. by		8		2/20	,	Grew employed Knotting &
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. NASU 183' 125' 135 14 15' 14 30 1/k to 2 20' 7 39 west. H. K. H.K. Courses. Winds. L. W. Remarks on Wednesday July 28 1899 1 8 Children J. E. W. Begins With Jone Briggs. and Pleasant Weather. 1 8 1		8	1	1.36		Hocks & 12 Pin strapfing
H. K. H.K. Courses. Winds. L.W. Remarks on Westnesday July 28 1899 1 8 ONW by S. Begins With June Breeze. 2 8 4 8 / 5 8 / 6 8 1 7 8 8 8 9 8 10 8 11 8 12 7 / 1 8 2 8 / 3 8 / 4 8 / 5 9 9 8 10 8 11 8 12 7 / 1 8 9 9 7 / 1 0 7 7 8 8 8 8 9 9 7 / 10 7 / 11 7 / 11 7 / 12 7 / 11 7 / 12 7 / 12 7 / 13 8 8 8 9 9 7 / 10 7 / 11 7 / 12 7 / 12 7 / 13 8 8 8 9 9 7 / 14 8 8 8 9 9 7 / 15 6 9 7 8 8 8 8 9 7 / 16 7 8 8 8 9 7 / 17 8 8 8 9 7 / 18 8 8 9 7 / 19 7 8 8 8 9 7 / 10 7 / 11 7 / 12 7 / 12 7 / 13 8 8 8 9 7 / 14 8 8 8 9 7 / 15 8 8 8 9 7 / 16 7 8 8 8 9 7 / 17 8 8 8 9 7 / 18 8 8 9 7 / 19 7 / 10 7 / 11 7 / 12 7 / 12 7 / 13 8 8 8 9 7 / 14 8 8 9 7 / 15 8 8 8 9 7 / 16 7 8 8 8 9 7 / 17 8 8 8 9 7 / 18 8 8 9 7 / 19 7 8 8 8 9 8 8 9 7 / 10 7 / 11 7 / 12 7 / 13 8 8 8 9 7 / 14 8 8 9 7 / 15 8 8 8 9 7 / 16 8 8 8 9 7 / 17 8 8 8 9 7 / 18 8 8 9 / 18 8 9 7 / 18 8 8 9 / 18 8 8 9 / 18 8 9 7 / 18 8 8 9 / 18 8 9 7 / 18 8 8 9 / 18 8 8 9 / 18 8 9 8 9 8 / 18 8 9 8 9 8 / 18 8 9 8 9 8 / 18 8 9 8 9 8 / 18 8 9 8 9 8 / 18 8 9 8 9 8 / 18 8 9 8 9 8 / 18 8 9 8 9 8 8 / 18 9 8 9 8 8 / 18 8 9 8 9 8 8 / 18 8 9 8 9 8 8 / 18 8 9 8 9 8 8 8 / 18 8 9 8 9 8 8 / 18 8 9 8 9 8 8 / 18 8 9 8 9 8 8 8 / 18 8 9 8 9		. T	Dist.	Diff. Lat.	Dep. Lat.	it. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
Degins With Jane Breeze, and Plant Weather. Begins With Jane Breeze, and Plant Weather. Begins With Jane Breeze, and Plant Weather. Both Same And So it Conds. All hands emproyed strapping blocks, Spinning Journeyain & Sorasping Debus, & J. Both Sorasping Debus, & J. Balthore Oh. 12°36 Course. Dist. Dift. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Dift. Long. in Long by Ob.	014	84/	83	125	135/14	The state of the s
and Plemant Weather. Seguns and Plemant Weather.	H.	K.			4	
All hands emprioya strapping blocks, Spinning Spinnyarn Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Liff. Long. Long. in Long by Ob.	2	8		ch w by N	y 6.	
6 8 / 8 8 9 8 10 8 11. 8 12 12 1 1 1 8 12 12 1 1 8 12 12 1 1 1 8 1 8	3 4	8	/			With tennant Wewter.
8 8 9 8 1 10 8 11. 8 12 7 1 11 8 12 8 1 13 8 1 14 8 1 15 12 7 1 10 10 10 10 10 10 10 10 10 10 10 10 1	5 6	8	1,			
Ourse. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. in Long. by Ob.	31 12	8				
11. 8 12 8 1 3 8 1 4 8 1 5 9 6 9 7 8 8 8 8 9 7 1 10 7 1 11 7 1 12 7 1 Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	9	8				Whidate Part the Same
1 8 1 2 8 1 3 8 1 4 8 1 5 9 7 8 1 8 8 8 9 7 1 10 7 1 11 7 1 12 7 1 Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob.	11,	8				
Ond So it Conds. Course. Dist. Dift. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. in Long. by Ob.	1	8				
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. in Long. by Ob.		8	/			and of it tonds
9 7 1 10 7 1 12 7 1 Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. in Long. by Ob.	5	9				
9 7 1 10 7 1 12 7 1 Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. in Long. by Ob.	6 7	9	/			all hands emproyed strapping
11 7 1	9	8	/			Schahfing Decks. Se S. 4
Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.		7	//			
		7	ist.	Diff. Lat. 1	Dep. Lat.	Latitude Obro 12038
			-			

Midas	from	Canlon towards Boston
H. K. H.K. Courses.	Winds. L.	w. Remarks on Shuisday July 29 1819
1 7 1 ev Wigor, 2 8 3 7 4 7 5 6 7 7 8 6 1	1	Degins with sine Breeze & Pleasant Weather. Of T Poll set the Ree main the mast & Lower steering sails. Of 10 Ochl book in Lee steering with
10 11 12 8 1 1 12 8 1 2 1 1 1 2 2 1 2 1 2	o musea a fin	at I A.M. set them again at I stoll look them in again Latter Part Squally With Rain. I So the Day Ends Watch on Deck.
8 8 7 10 17 1 11 12 8 Course Dist. Diff Lat	136	by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 10°45' 1/2°19' 12°41' Med.
H. K. H. K. Courses 1	e. Winds.	Degins With fine Breeze & Spirally Ucather. The Lee main top mast steering Sail. If bear again.c. At 6 of M. fiber again.c. At middle fine Breeze & Pleasant. Of 6 of M. Took in the bee main
1 2 6 3 6 4 6 5 6 6 6 7 5 1 8 5 1 1 10 5 1 1 11 5 1 1 12 6 1 12 6 156 97	1	top mast steeting said and braced up. At Total! squared the yards. Onds with Pleasant Weather. Nath only loy'd getting water out of the fore beat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 9.08' 11/2 10 2.05 14.464.

N ...

C	Mic	Nac	1	from	60	anton	towar ds	Bost	ton	
Н.	К.	н.к.	Courses.	Winds	1 . W.	Remarks or	1 Satura	lay July	317183	9
1 2 3	55	1	eVW yo	trades.		So I He	With asant le	eather.	> 9	eze
4. 5 6	5 5					Lower J.	Tell. sel	rail.	00	
7 8 9	5 5					of asse	OM. sa	vearing	cs/ 6. 19	cV.
10 11 12	5 5	111				Midale	light &	Winds	L'O Keas	an
1 2 3 4	5 5 5						AM. Jibe			
5 6 7	3444	111		•			with bu			
8 9 10	445	11	•			all ha	nds en	other	Varne Ols.	ski
11 12 Course	4) ist.	Diff. Lat.	Dep. Lat.	by D. I	R. Lat. by Ob.	Varia Diff. Long	Calitude 3. Long. in	Long. by Ob	13
e V 4.	46 / K	18 H.K.	85"	82'		704.3'	14 4 123'	w.16°09	West.	
1 2	55		All har	· ·		Begins	With M	Poderate	1) reco	9
3 4 5 6	5 5 5	//		man						
7 8 9	5 5	/				Maddle Heasani	fine Cheate	Inverze		
10 11 12	5 5 5			15 ach			0			
1 2 3	5 4 4	111		ast			the fa			
4 5 6 7	6666	/		14 6	C	This Di	ay Cau bonnet	ght la	dolp	res,
8 9 10	6 6 6			Jon		boten en	mploy	d sellr	ng up	
11 12 Course	6 7	ist.	Diff. Lat. []	Dep. Lat.				Latitud	0 860	
cN4;		331	90	771	J. K.		Varia. Diff. Long		ong. by Ob.	

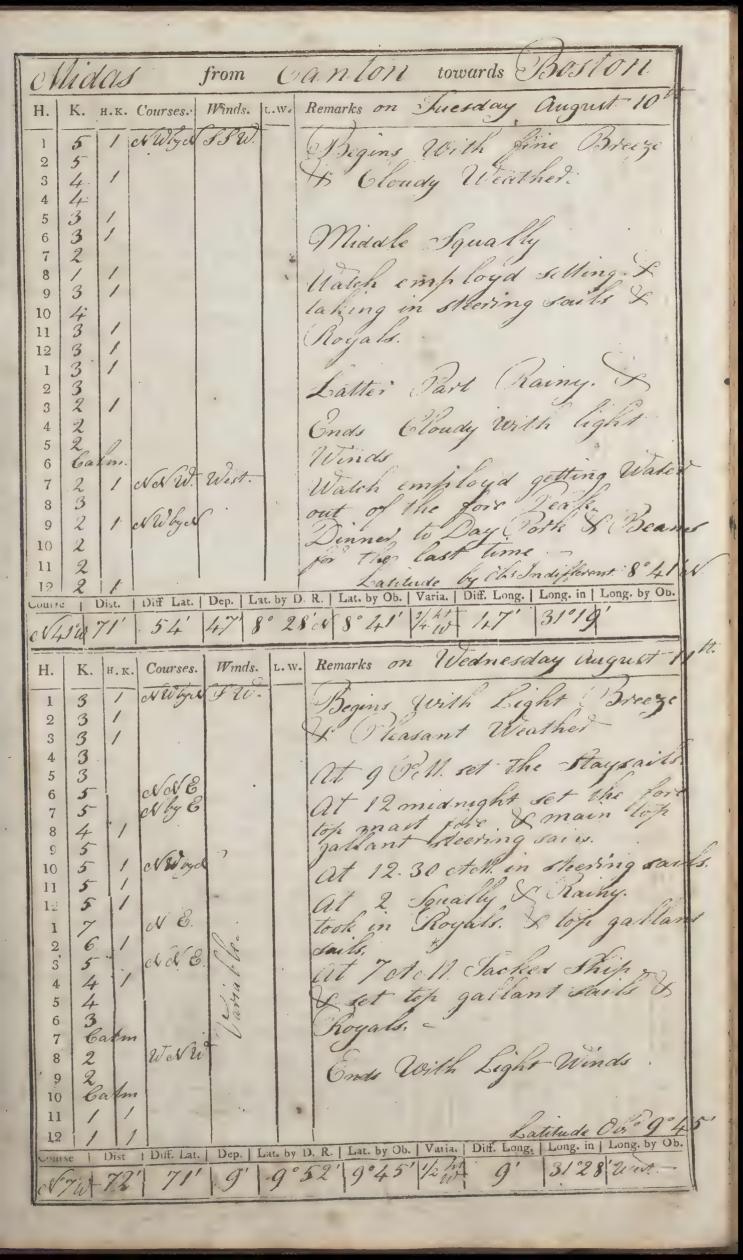
'

Midas	from Canton towards Boston
H. K. H.K. Courses.	Winds. L.W. Remarks on Monday August 2'1819
1 6 / NW hyd 2 6 / 3 6 / 4 6	Begins With fine Breeze &
5 6 6 6 7 5 1 8 5 9 5 1	Middle Part the Same
10 5 / 11 5 / 12 5 / 1 6 /	And so it Ends.
3 66 1 5 6 5 7 5	All hands employed tattling
8 5 9 5 10 4 1 11 4 1	
12 5 Course Dist. Diff Lat. N48W 135 91	100 4° 42' 1/4 w 1° 40' 19°27' West.
H. K. H.K. Courses. 1 5 CNW by 0 2 5 3 5 / 4 5 /	
5 6 6 6 7 6 8 6 / 9 5 /	Middle Part the Same
10 5 11 4 / 12 4 / 1 4 2 4	and so it Gnds.
3 4 4 5 6 5 7 5 1	All hands employd rattling Rigging.
8 5 / 9 5 10 5 11 5 12 4 /	Latitude Oth 3.02
Course Dist Diff. Lat.	Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 91' 3' 20 3' 02' 1/4 10 1' 31' 20'58'

Middes from	m Canton wounds Boston
H. K. H.K. Courses. Wn	nds r.w. Remarks on Wednesday August 4 th 19819
1 4 1 NW by N of 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E. Begins With fine Breeze
6 5 7 5 1 8 5 9 5 10 5 1	This Day saw Asshooner no Loubs she was a
11 5 1 12 5 1 1 5 1 2 5 1 3 5 1	Ends the Same. All hands employed tasting
5 6 6 6 7 5 1 8 5 9 5	Rigging & other folso
10 5 11 4 / 12 4 Course. Dist. Diff. Lat. Dep.	Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob
10x404120 191 00	1º3/3/1 1º25 22°23' West.
	W
H. K. H.K. Courses. W. 1 5 / Why & S 5 5 4 5 1	nds. L. W. Remarks on Thursday August 5 1/19
H. K. H.K. Courses. W. 1 5 / Churyer S 5 5 / 6 5 / 6 5 /	nds. L.w. Remarks on Thursday August 5 1/1/9
H. K. H.K. Courses. W. 1 5 / Charges of S 5 / Charges of S 5 / 6 5 / 7 4 8 4 / 10 4 / 11 4 12 4 1 14 12 4 1 14 12 4 1 14 12 4 1 14 12 4 1 14 12 4 1 14 12 4 1 14 12 4 1 14 12 14 14 14 14 14 14 14 14 14 14 14 14 14	Begins With fine Breeze L.W. Remarks on Thursday August 5th 1819 Begins With fine Breeze L.W. Remarks on Thursday August 5th 1819
H. K. H.K. Courses. W. 1 5 / Why of S 5 5 / 6 5 / 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Middle Dart the Same
H. K. H.K. Courses. W. 1 5 / Why of S 5 5 / 4 5 5 / 6 5 / 7 4 / 1 1 4 1 2 4 1 4 2 4 3 5 5 6 5 7 4 / 8 4 / 9 4 / 1 10 4 / 1 11 4 / 1 1 11 4 / 1 1 1 1	Begins With fine Breeze Begins With fine Breeze Middle Part the Vame Und so it Ends. a All hands employed on the Rigging.
H. K. H.K. Courses. We start to start the start of the st	Degins With Fine Breeze Begins With Fine Breeze Pleasant Weather. Middle Dart the Same Und So it Ends. a All hands employed on the Rigging. Lac. by D. R. Lat. by Ob. Varia Date Long, Long, in Long, by Ob.

Michael	from Ca	anten towards Boston
	. Winds. L.W.	Remarks on Friday august 64-1819
1 5 NW lyo	8643	Begins With fine Breeze
2 5 5 4 5		To Measant Weather
		·
6 4 1		
5 4 1 7 7 4 1 8 4 1 1		·
10 4 /		
10 4 / 11 4 / 12 5		Ends the Same.
1 5 2 5		
3 5 4 5		
5 5 /		All hands employed on the Rigging ?
7 5 /		the Origing +
961		
11 7		Latitude Oh 1º48 Worth
	t. Dep. Lat. by D	R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
c1454126 89°	891124	1º4801/w 1º29 2504w
H. K. H.K. Course	s. Winds. L.W.	Remarks on Saturday August 7 1819.
1 5 / 0/2/5	uSSE.	Begins With fine Bireze
3 5 /		L'a Cheasain
5 6 5		.7
7 6		Middle Part the Same
9 6		Triance
11 6		
16/		Und So it Ends.
2 7 7 1		This Day finished Farring.
6 7 7 1		Variation Per azimuth 8° 53'miles
8 7 /		
10 7	•	Latitude Oho 3° 43'c Lith
12 7	at. Dep. Lat. by !	D. R Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
N42"0134 113	1 1	3.43' 1/w 1.43' 26'48'w

Middel from Gunton wowards Bottom
H. K. H.K. Courses. Winds L. W. Remarks on Frenday (ingust 8th
2 6 1 Diegens With June Obreeze
4 7
5 6 6 1
7 7 7 Whidale Oart the Same
8 7 10 6 1
12 8 1 (il 5 ct M. took in Haitoans
main, lop mast top gath
48 lit 6 AM Chainer
Ends With Fall Breeze
9 7 /
11 8
Course. Dist. Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia- Diff. Long. Long. by Ob.
ch'470177 121' 129' 5°44' 14 10 2°09' 28°56' Wast.
H. K. H.K. Courses. Winds. L. W. Remarks on Monday August of the
17 / New STR
2 7 1 Segins Weather. Stiff Breeze
4 7 /
6 7 Mark 12 1
86/
10.6 1 Sw. at 2 ctM. brased up sharp
11 6 an the bastoard Jack. Lin
16/ CA CA CAS LITE 3 took in Royals.
3 5 Not 8. ch W. at 7 ctcll. someted the march
5 6 1 NW Syn JSW. E Steet, all sheering dails. & Royals
6 5 2 Skyrails. & Mauled Nown The Stort
9 7 1 10 6 1 11 6 1 Set the file Breeze.
12 6 Latitude Ober 7.34'N
Course. Dist. Dist. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.
04392149 116 93 7°40 7°34 340 1°36 30°32'W



Midas from Canton towards K. H.K. Courses. Winds L. W. Remarks on Thursday august 1. Wellyle & D. 3 1 Whith 2 4 4 3 Z 5 braised about train el li lyel I the Unind Was I gone and looking after let give Calm found it won the Other Sie 10 and We brased back agas 11 12 Middle Winds Variable 3 1 Eastm 2 Calm Maine 3 5 tall set steering sain 6 7 (nds Cloudy? 3 10 11 12 ratifiede Dist. | Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob Course. 37 10020 10018 V476 52' 35 32°06 West 38' H.K. Courses. | Winds. L. W. Remarks on Friday linguist 13' H. .K. N Word Degins Quitt. With Very heavy Chair squa Winds from one point of Carn Compaty ly thee Very Light. & byou braing about the Upsides, 10 retting & taking in Streeting West. 11 Gakin. 12 9 Godt. tacked Men 12 midnight squares 2 Yards L'set the hard Whyel. steerling Fails. Calin Onds With 1. Cloudy Wether of Wines hands employed dain, 1 10 2 the Ships . Sides. 11 12 Latitude Course. Dist. | Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob. 10:35 18 10.26 1/2

Canlon towards VILITAS from on Saturday August 14 Remarks H. K. H.K. Courses. Winds. L.W. 1 cladly Begins With Light Wind Cloudy Weather. Winds Variable finished to to p-Nu Middle Unds hight. half an hour. Calm at 10 Not claw a sgrord fish, stoating on the Water lowered down the boat. or 1 chelw. Caught him. he was nearly his Whole lenght was 2 W/2 8 deld, 1 NELYE 11 fest 4/2 inches, full estrora, Was 3 feet Jenehes long eye's 21/2 inches in Dearneter? ch whi w Gods Rainy . 2 Satitude Cie, Wel W Varia. | Diff. Long. | Long. in | Long. by Ob. Diff Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | 3252 West. 10.70 none cN63W31 L. W. Remarks on Jamaay August 15 H. K. Courses. Winds. With Maderate West W Winds. With Kain. 1. NW/24 Middle line Falege Coldudy. NWE W 11 12 Onds With Jime Wind & Oleasant Weather. Longitude by Lamar 36'5 NW GW W 10 atitude Obro 1104, W 11 Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob. 2.09'35°01'W 64 127 11044 1144 12

Chlichel	from Carlell towards Priste'll
Н. К. н.к. С	ourses. Winds W. Remarks on Oblonday (lugaest 10
2 3 6 1 4 6 1 5 6 1 cV	Who was Begins light Kine Breeze.
6 6 / 7 6 / 8 6 / 9 6 / 10 7 11 6 /	Middle fart the Same
1 6 / 2 3 4 7 / 5 7 /	it 6 A.M. Set the gove to
10 to 6	Tyel Conds Interesting Sixilis. Watch employed safaping top maste. Lower of
12	
1 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Whyte de Begins Worth pine Breeze What Pleasant Weather. At 8 Pall tack in Steiring
7 6 8 7 9 10 6 1	Middle hart flesh Breeze
1 7 / 2 6 / 3 9 / 4 9 / 5 9	Meather Gases. L'det Steering dails. Of 10 of M. look in Lower of main top mast steering
7 6 / 8 5 9 6 / 10 7	Gneds Heasant With a
12 7 Dist. Dist.	#. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long by Ob. 17' 138 14°30' 14°17' 167 2°22' 39°31'.

Midas 00111071 from towards Mostlett. Wednesday August. H. H.K. Courses. Winds. L.W. Remarks CH NWhatever & 1 With Sine Weather 2 a fine Obseeze, 6 6 Dart the Jame Ut. 30toll. Squally with 10 11 yain. 12 1 6 Atof. Set the Lower & lop mast steerin chails. cl Elych. at 11-30 MM. a heavy Tank Squalla Conds O leasans. N West Watch employed on 6 atitude Els 15 56 12 Dist. | Diff Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob. 15°56 V554173 L. W. Remarks on Thursday August 19 H. K. Courses. Winds. H. N West NEbye Segund With fine Breeze 6 PM. took in Mas top mast & Lower steering Mark. Middle Cast the Same 9 10 11 12 at Totall. det the Lower 8 1 steering sout 8887888 2 at 10 otall carried away 3 4 the Main Royal mast Sent the yafdl & mast on Last 12 set the main top mass 6 Caspenter employed making 10 new mast. 11 Ob 170 6iN. alitude | Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob. 2030 44284. N500 187 120' 143 17.56

1. K. Ji. K. Courses. Winds I. W. Remarks on Hiday August 20 1. Course Dat. Diff Late Dep. Lee by D. R. Late by On. Varia With force Drogs of Language Cond. 1. Course Dat. Courses. Winds I. W. Remarks on Saluriday August 21 1. Course Dat. Diff Late Dep. Lee by D. R. Late by On. War August 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Begins With fine Wind 2 6 1 1 1 1 1 1 1 1 1	Midas	from Canton cowards Bester
Segund With fine Same A Weather the Same At 8 CM. the mast bring finished fint it aloft to the fact yard yards aloft to the fact. At 10 of M. took in main to must steering said. Course Div Dit Cat. Dep. Lee by D. R. Lee by Ob. Veris Dit. Long. Long. Long. Long. White the water wafes to the main to be with fine bleeze. Watch ompeloy a sepubling the Water wafes to the long to be proved White the water wafes to the main to begins with line (Dreagest 2) Begins with line (Dreagest 2) At 11 P. M. set the main to mast steering said. At 11 P. M. set the main to mast steering said. At 11 Oth set the main to mast steering said. At 1 oth in all steering saids. I have different Conds with Pleasant Weather All fands employed hands on the star boast doing. Conds with Pleasant Weather Latinate On 21 y	Die Die Die Lat Dep Lat. by D. R. Lat. by Oh. Warm List. Hop Started Ling Started Ling Started Lings of the Market Lings of the Langs of the Lang	H. K. H.K. Courses.	Winds L. W. Remarks on Friday August 20
Onds With Pleasant Weather on Main top mast thering sail. Onds With Pleasant weather the Water ways & & & & & & & & & & & & & & & & & & &	Of 10 ct of took in main top mast seering sail. Onds With Deasant Weathing the Water ways & Le Ling by the Water ways & Low the Ling by the Water ways & Low the Land way the See Ling the Water ways & Le Ling by the Water ways & Low the Water ways on Saturday august 21 Degins with fine Breeze and the water washed. At 11 Dell. set the main top mast theting sail. Of Joseph Water washed up. Of Joseph Water washed with Pleasans washed for the washed. Onds with Pleasans Weather.	2 6 7 4 5 7 7 6 7 7 8 9 10 7 7 10 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10	Begins With fine Wind Sweather the Same. Of 8 OM the mast being finished sent it Aloft. like Wish sent the Doyali & sky sail yards Aloft & sel
Course Dist Diff Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. I Long. by Ob. Wight 161' 105' 121 Coorth 19°41' 4 10 2°08' 46°36 West- H. K. H.K. Courses. Winds. L.W. Remarks on Salurday August 21" Begins With fine Dreeze Clearant Weather. Colored Coorth 10°11. Set the Main top main top mast their ing sail. At 11 PM. set the Main all steering sail. Of other in all steering sail. At 7 other caused up. At 7 other caused up. At 7 other caused up. At 7 other caused the yeards. Set of all steering lails, on the starboard Side. Conds with Pleasant Weather. All hands employed painting which produced the painting of the produced of the painting of th	Course Dist Diff Lat Dep. Lat by D. R. Lat by Ob. Varia Diff. Long. in Long. by Ob. Native Course Dist. Diff Lat Dep. Lat by D. R. Lat by Ob. Varia Diff. Long. Long. in Long. by Ob. Native Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. in Long. in Long. by Ob. Native Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. I Long. in Long. by Ob. Native Course Dist. Long. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Lift. Long. Long. in Long by Ob. Native Course Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Lift. Long. Long. in Long by Ob. Native Course Dist. Long. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia Lift. Long. Long. in Long by Ob.	1 7 / 1 2 3 4 6 6 1 5 6 6 1 7 5 6 1 8 9 6 1	Ends With Deasant Wearsh Shine breeze. Watch employed sexubling
Degins With fine Breeze & Pleasant Weather. At 11 Dell. set the main top mast steering sail. Of Jet M. in all steering sail. Of Jet M. in all steering sail. It for mast steering sail. Of Jet M. in all steering sails. So ward up. Of Jet M. of waved up. Of Jet M. of waved up. Onds With Pleasant Weather.	Degins With fine Breeze, Begins With fine Breeze, Bleasant Weather. Of 11 Dell. set the main top mast steering said. Of 1 steering said. Of 2 steering said. Of 3 steering said. Of 3 steering said. Of 6 steering said. Of 1 steering said. Of 1 steering said. Of 1 steering said. Of 1 steering said. Of 2 steering said. Of 1 steering said. Of 2 steering said. Of 3 steering said. Of 6 steering said. Of 1 steering said. Of 1 steering said. Of 2 steering said. Of 1 steering said. Of 2 steering said. Of 2 steering said. Of 2 steering said. Of 2 steering said. Of 3 steering said. Of 6 steering said.	12 5 /	Dep. Lat. by D. R. Lat. by Ob. Varia Diff. Long. Long. in Long. by Ob
	04522 156 96 123 2127 4 10 2 11 4847	1 6	Begins With fine Breeze Cleasant Weather. At 11 Dell. set the main top mast steering sail. At 1 other in all steering sail. At 1 other in all steering sail. At 1 other organised the yards, best with steering sails, on the starboard side. Onds with Pleasant Weather. All hands employed hainting whip. Dep. Lat. by D. R. Lat. by Ub. Valled Latt. Long. Long. in Long by Ob.

children from	Canton towards Doston	
H. K. H.K. Courses. Winds.	. L.w. Remarks on Funday August 22	,
1 6 1 WW. GNE	Begins With fine Weather	2.,
2 6	Joegung voin	
4 5 5		
6 5	Middle Part the Same	
8 6 1 NW/2 W		
10 6 1		
11 7	Ends With the yards brands with & steering sails in.	
1 2 7 WW.	Up & steering dails in.	
3 6		
5 6		
6 5 /		
8 6 / NW/2 W		
10 6		
11 5 1 clabyle	Latitude Ots 224	12
	Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 22°51' 22'42 /4/1, 2°01' 50'48	
cV30ix 146 94 112.)
H. K. H.K. Courses. Winds		al .
1 5 1 NW W W CN &	July 100 miles	
3 6		
4 6 1 eNW/2W	L'Weather.	
4 6 1 eVW/2W		
4 6 1 eNW/2W	Middle Part the Same	~
4 6 / NW/24 5 6 / NW/24 8 7 / NW/24 8 9 7 NW/24		
4 6 / NW/24 5 6 / NW/24 NW/24	Middle Part the Same	7
4 6 / WW/24 5 6 / WW/24 W W/24 W/24		~
4 6 / WW/24 5 6 /	Middle Part the Same	7
4 6 / WW/24 5 6 /	Middle Part the Same.	
4 6 / WW/24 5 6 /	Middle Part the Same.	
4 6 / WW/24 5 6 /	Middle Part the Same	
4 6 / WW/24 5 6 / WW/24 10 11 6 / WW/24 12 12 12 12 12 12 12 13 14 17 1 WW/24 15 17 1 WW/24 19 10 10 10 10 10 10 10 10 10 10 10 10 10	Middle Part the Same.	
4 6 / WW/24 5 6 / WW/24 W W/24 W/24	Middle Part the Same. And No it Ends. All hands employed hainst the instide of the This.	teing "
4 6 / WW/24 5 6 7 7 7 WW/24 10 11 6 / WW/24 10 12 6 / WW/24 10 12 6 / WW/24 10 11 7 / WW/24 10 12 6 / WW/24 10 11 7 / WW/24 10 10 10 7 / WW/24 10 10 7 / WW/24 10 10 10 10 10 10 10 10 10 10 10 10 10	Middle Part the Same.	ering "

Canton towards Boston from Midas Tuesday August 24 K. H.K. Courses. Winds L. W. Remarks WW/2WC 6 6 ex Why collisa son a little Crain 6 10 11 6 6 12 At Got MI det the 6 6 toh mast fore & main to 6 3 gallant Steering sails. 4 665 10 otoM. haused in the Weather Waces & set th 5 top mast NWEW Watch employed getting water out of the fire Ceale for 10 6 11 12 Dist. | Diff Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Course. 92' 26'14' 26'13 14 4 V39W 146 11/1 Wednesday August 2 Remarks on Winds. L. W. H.K. Courses. H. K. NWhy NE Ky E. With fine 1 43 Pleasant Weather 3 (och! took toh mast & Lowe 3 NWhon Steering Jails. 44453555 Middle Chaine, 10 11 1 2 ands with Light Leasant Weather. es West hands employed hain Songitude by Lunas. 58°29'80 10 11 Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. 1384107 84' 66 27 56°08 58°

Midas s	from Canton towards Boston	
H. K. H.K. Courses.	Winds. L.W. Remarks on Thursday August 26	
1 3	Begins With Light Winds Pleasant Weather.	
5 3 / 6 4 1 8 5 1 10 5 1	Middle Part the Same	
	And So it Ends.	
11 4 12 4 1 4 2 3 3 3 4 2 1 eV West. 5 5 1 6 4 1 7 4	M hands employed hainting boats scraping shart. De	
8 4 1 & Whyd		
Course Dist. Diff Lat. E	Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.	2
cN41W 96' 73' 6	63 28°49' 28°49a 4 m 1°11' 57°19'59°40' les	1.
	Winds. L.w. Remarks on Heriday August 27	
1 3	L'éleasant Weather.	
5 3 Wol W 7 3 NW LyW		
8 3 9 4 0 2 2 2		
10 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	And Ends Oleasant & Very	
2 3 3	Warne,	
6 3 /	ENE Watch employ don Various	2
8 3 9 3 /	a favorite book of the Capt of en	y .
11 3 12 3	but fell to beeward of him hove about & stood on Latitude Obs 29°5 3'cs	V
	Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 32' 29°47' 29°53' 4" 1°00' 58°19' 60°40' 20	-

CI	Mic	da	rs	from	Canton wowards Boston
Н.	K.	н.к.	Courses.	Winds	I. W. Remarks on Faturday August 28
1 2 3 4	1211		NOV W/2	WECN E	Begins Almost Calm
5 6 7 8 9 10 11 12 1 2 3 4 5 6	1111123333	m! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!		East-	Meather Very Warm. Weather Very Warm. All hands employed sunberning the Old Sails. & benden the best. Ends Almost Calm.
7 8 9 10 11 12 Course H.	1°a 4	15	Diff. Lat.	23' 30	The Waist Cloths. Latitude Ob 30°38 by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob 0°32' 30°38 4 10 2" 58°46 61°07' L. W. Remarks on Sunday August 29 th
1 2 3 4 5 6 7 8 9	11/1/1/123	11/11	ch ch W.	last Variable.	Begins With Almost Calm L'Very Warm, Middle Part a fine Little Breeze.
11 12 1 2 3 4	44433330	1		Killed the	At 10 AM Saw a Shipe. At 11 AM Saw a Schooner.
5 6 7 8 9 10 11	3 4455 5 4 4	/ / / / / /		This Day	All of them steering to the Southward & Castward. Ends Pleasant -
Course	120 7	Dist.	Diff. Lat.	Dep. Lat.	31°35' none 57' 59°43 62°04' dece

Mides	from Canton towards Boston	2.
H. K. H.K. Courses.	Winds. L.W. Remarks on Monday august 30	1/2
1 4 NOV 20 2 4 3 3 1 4 3 1	Variable Begins With Light Winds	
5 3 / 6 3 / 7 3 / 8 3 / 9 4	out of Fight.	rls.
10 3 11 4 12 4 1 5 1 2 5 1 3 5 1	Middle (Pleasant." Ot 7 A.M. Saw. a Schooner	
3 5 1 5 5 1 6 5 1 7 4 8 4	At 10 AM. Saw a brig steering to the Northward & Casteval	24
9 3 1 10 4 11 4 19 3 1	South Ends Vieasant author Bes azimuth 3 3 Latitude Oh 32° 5	32'
H. K. H.K. Courses.	39' 32°56 44 4 1°10' 60°58 63°14'	-
·	Skyw Begins With Pleasant Wears	het.
5 3 1 6 5 7 4 8 3 9 3 1	at 6 Post the Dirigout	the state of the s
10 3 11 4 / 12 3 1 3 /	Rain. thunder & Lightning At 2 of M. set the Starboard	a d
3 4 1 4 4 1 5 5 6 6 6 7 6 1	Swest in all steering sails. Royals I Top ga lant sails. Higing	
8 6 1 9 7 1 eVeVII 10 7 1 11 6 12 6	I to the last of the state of t	31'
Nagio 107 94'	Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob. 52' 34'30' 34'31' 4-49 1'03' 61'56' 64'17' a.	Test.

7

į.

evudas Ganlon · towards from Jalenn. I. W. Remarks on Wednedy Vehit K. H.K. Courses. Winds delle Jby & Degins With Sty 6 6 & Squally chigh 21 4 Troll double heefa clas likely ant sails, at 2 OM. les 5 Red out of the topsails & set 6. 6 at 300 top gallant sails 5 060080 out all Oreefs & set Croyar 11 Raiboard fore top most for 6 12 6 che like li ill 9 Mill squadly in Will iteering 5 Sails. Royali & Slying Ga. NOV 20 2 2 at 11 Mill in topligablant 6 Middle Part Loughly with 6 Joh gallant sails. At World some 11 fails Ends Squally Latitude Cigo 36 33 Dist. | Diff Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob 1984 133 117' 63 36°28' 3635 4 10 16' 63°12' 65° 33' North Remarks on Thursday Septh 20 H. H.K. Courses. | Winds. L. W. Nulyer Eer E With Squadle JaM. in Will Steering said Thoyals, & flying 6 4 OM. set them again 6 8 Mill in steering Sails. 5 4 1 Fraced Life 10 12 NWoyl 1 10 otall tacked rands om hlogal gette er & byer & w 10 Bends. 11 12 Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long by Ob. 64 37°48' 37.31' 4 4 10 20' 64° 92'

Cantell towards Jos vilils from H. Forday Sept & 3 H.K. Courses. Winds. L.W. Remarks on N East. 33 1 Light Winor Degins 2 1 Nex 6 Deasanit N'hy & ther w Maddle Gart Squally cx by 6/26 with Plain. N/2 8. at Totall. saw a ling 3 Ny W. Woger 10 11 4 a Schoonet Steering la 3 12 Southward & Elistward. cvcVW. 3 1 3 2 corth Winds Variable. Mainy . Squally 2 3 12 etting Staking in Steering Jails. N by &. 5 3 3 Uly hours. 2 9 2 ()1 11 12 Diff Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob. 6445 6700 West 38°32 none 1/2/11 01920 62 10' Remarks on Valurday Jehith H. K. Courses. Winds. H. L. W. K. NW byw 88 W 1 3 Dequis With 3 2 Heasant -3 appearance 4 Nywhat wis W. North the Northwar chy wy Toll sholit Thooner. 10 everu of Bath 42 11 10 Rennebunk bound chy W. from: 6 1 2 Martinus. (11 brig steering to the Sou 3 5 5 Gastward Ut 1130 cvcV W Orservation 38°16'c North 4 cl by u 4 9 10 11 Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob. Dep. | Lat. by D. R. | Diff. Lat. 6600680 39040 39024 10 1015 V40'w 90

CA	Mi	Ha	15	from	Ca	miton	rowar ds	Bosh	ton	
Н.	K.	н.к.	Courses.	Winds	L. W.	Remarks 011	Sund	ay Sofu	16 5	_
1	2		chlorych		1/2	Begins	With	fresh (ales	
2 3	2			12 3	,	Le Man	(na)	Went had	-12-4	
4	2	^	c V ly W/2	13 13	1-17	01.60	Ill fent	Down	Chount	-
5 6	2		C V 19W/20	10/1/2	12	yards &	housed	the me	astr	
7 8	2			1:1		at & De	M. Shop.	k one Or	ger out	-
9	2			10/0/4		top galla	nd sails.	Set in	Shan &	,
10	4		Nev w	80.0	2-	Middle	Fresh	Gales	& Clou	the second
12	5			16 2 1	11.11	Weather	at 3	otoll, of	hoke a	7
1 2	4			John !	20	Schooned to new of	from	Labrica d	or bound	2
3	4			of the	72	Longitude	. /	60°20	West-	
5	4			100	10	at TAM.	out all.	Reefs 8	Set tox	
6 7	4			28 11	13	the Crouse	Lugards	· Sounds	sent and	21
8	4	/	16.60	Jan	200	65 fathor	ns. wa	0 01	9 otel	rope
9 10	43	1	cveVil i	188	m	got the o	Amotion's		gows	
11	3		c 1/2 W.	Pala s	0	Water 6	un ded	in 40%	alhorny	
Course.	3	Dist.	Diff. Lat.	Dep. Lat	t. by D.	R. Lat, by Ob. V:	100	g. Long. in 1	Long. by Ob	
16	50. 5	10'	170!	33 4	100	11 110/11/1	ht+ 101	1000100	2-2-11	_
CV23	w	7	1/2.	00 4	0 36	40 49 12	10 43	66 45	6904	
H.	K.	н.к.	Courses.		L.w.	Remarks on	c Honda	66 43 G	69.04	
1	2	н.к.	Courses.		L.W.	Remarks on				
	2	/	Nby E		suu !!	Degins 1	usth m	Toderale Cather	Winds	A.
1 2 3 4	2/2	1	Why E		suu !!	Begins to Hease	ant Vi employ	Toderate	Winds	
1 2 3 4 5 6	2/2223	1	Why E Why N eNWh W		680% ms	Begins to Sease all hands	ant W employ M. Sound	Toderate leather id bende ded in 3	Winds	
1 2 3 4 5	2/22233	1	Why E		36 30 16 mis	Begins to Please all hands Water Water	ant W employ M. Sound	Toderate leather ded bende in 8	Winds	
1 2 3 4 5 6 7 8	2/2223333	1	Why E Why N eNWh W		36 30 16 mis	Begins to Please all hands Water Water	Mith Mant Vi employ M. Sound t 8 %!	Toderate leather ded bende in 8	Minds ing Cables O rathorn Septh	
1 2 3 4 5 6 7 8 9 10	2/222333344	1	Why E Why N eNWh W		From 2543012. ms	Degins to Please All hands Water the Word the Word the Your did to Your dings	M. Sound Jame. Same.	loderate leather ded in Steel on Steel	ng Cables ng Cables Exathorn Septh grey same	
1 2 3 4 5 6 7 8 9	212223333444	1	Why E Why w eN Wh W eN why		41 from 2543016.11 mms	Degins of Sease all hands Water A Wout the Would de Soundings	Jant Vi employ M. Sound T 8 XI Same. fine (loderate leather ded in Steel on Steel	ng Cables ng Cables Exathorn Septh grey same	
1 2 3 4 5 6 7 8 9 10 11 12 1 2	21222333344443	1 / / / / / / / / / /	Why E Why ch ex Wh W eN ch Whi		ings from 2543012. mis	Degins of Sease all hands Water Ar Wout the Would be Soundings	Milli Mant Vi employ M. Sound T 8 XI Same. Sine () Shoat	loderate leather ded in Steel on Steel	ng Cables ing Cables in septh gray same Coleans n 40 m	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4	21222333344443333	1 / / / / / / / / / /	Why E Carly War White Wally ar		ings from 25430 16. 11 mes	Degins to Dease all hands Water Ar Wout the Woundings	Same Count of Shoat to Sound	Jodesale leather de beston. Joseeze ing from	ng Cables ing Cables in septh gray same Coleans n 40 m	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5	21222333344443333	- 1 / 1/1 / 1/1/1	Why E Carly w White White White Shirt		of Soundings from 25430 Minnes	Degins of Sease All hands Water the Whiddle Soundings the latter franker the Regular & Meering &	Same. Shoat A Toto To	Toderate leather de beston go from dangs	ng Calles ng Calles h rathorn softh grey same No fearn No were more he fallen low the	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 7	2122233334444333423	- 1 / 1/1 / 1/1/1	Why E Carly War White Wally ar		of Soundings from 25430 Minnes	Degins to Dease All hands Ut 6 Port the Word the Soundings The latter fram the regular the train to the worth we with we with the worth we with we with we with the theory of the worth we with the worth we will be the worth we will be the worth we will be the worth we wonth with the wonth we wonth with the wonth we wonth with the wonth we wonth we wonth we wonth with the wonth we wonth with the wonth we wonth with the wonth we wonth we wonth	Shoat of the sound	Jodes ale leat her ded in Station. I Street in Station of the Land	ng Calles ng Calles h rathorn softh grey same No fearn No were more he fallen low the	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6	212223333444433342344	- 1 / 1/1 / 1/1/1	Why E Why W eN Wh W eN Why W eN Why S.		~ Past Soundings from 25430 Minnes	Degins to Dease All hands Ut 6 Port the Word the Soundings The latter fram the regular the train to the worth we with we with the worth we with we with we with the theory of the worth we with the worth we will be the worth we will be the worth we will be the worth we wonth with the wonth we wonth with the wonth we wonth with the wonth we wonth we wonth we wonth with the wonth we wonth with the wonth we wonth with the wonth we wonth we wonth	Shoat to fails. It fails. It	Jodes ale leat her ded in Streeze ing from dengts to the streeze ing from the best of the streeze ing from the best of the streeze ing from the best of the streeze ing from the streeze ing from the streeze ing from the streeze ing from the streeze in the streez	ng Calles ng Calles heathorn copilh grey same le were more he fallen low the con the hore One	
1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8	21222333344444333423443	- 1 / 1/1 / 1/1/1	Why E Carly w White White White Shirt		ther Part Soundings from 25430 himms	Degins to Dease All hands Ut 6 Port the Word the Soundings The latter fram the regular the train to the worth we with we with the worth we with we with we with the theory of the worth we with the worth we will be the worth we will be the worth we will be the worth we wonth with the wonth we wonth with the wonth we wonth with the wonth we wonth we wonth we wonth with the wonth we wonth with the wonth we wonth with the wonth we wonth we wonth	Same Count of Shoat to Sound of Stand of Sound o	Jodes ale leat her ded in Station. I Street in Station of the Land	ng Calles ng Calles heathorn copilh grey same le were more he fallen low the con the hore One	
1 2 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12 1 12 1 1 12 1 1 1 12 1 1 1 1 1	2122233334444433342344322		Why E which we will have with a word with a word.	of 24. Steeling to the South. Cast.	Latter Cart Soundings from 254 3014. 11 mms	Degins of Sease All hands Water the Whiddle Soundings the South on the South of the Shis Day Worth We shis Day Whis Day Manall bouth	Same. Shoat Total Sau se	Toderate leather de beston & Steere de la serve de la	Minds It inds Ing Called The Athorn Septh Grey Sand We were More for the fore Con the fore Ways the Ways the Unage the	add som
1 2 3 4 5 6 7 8 9 10 11 12 3 4 5 6 7 8 9 10 11 12 12 Course	2122233334444433342344322	1 / / / / / / / / / / / / / Dist.	Why E Why W eN Wh W eN Why W eN Why S.	of My, steeling to the South. Cast.	Satter Part Soundings from 25430 Minnes	Degins of Sease All hands Water the Whiddle Soundings the Sounding of the South for Meeting & Meeting & Meeting & March Day Worth We Shis Day Worth We south South We south So	Jant Vi employ M. Sound of 8 Kl Same. Shoat Thouse the Sound of John Sauls. Ca sauls. Ca res. Sound res. Sound and Sauls.	bottom. In the State of the State of a state	Minds ing Calles ing Calles in Septh grey Sand We were More fore Con the Con	add some

Mudas towards from Canton Twesday Septh yet. K. H.K. Courses. Winds. | L.W. Remarks 022 1 2 Heasant Weather 3 At 3 OM. Saw a Vessel the Lee Bow Ut Sounded in 55 fathorns this day Caught Some fine Macketel. 10 Middle fine Breeze & Cleasan 11 12 Sounded no bottom with 80 yathon 1 at 7 AM. hove too & sounded 2 as we was filling away in Loggby Was run asout h gallaht steering fail main top galland Diff Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Waria. | Diff. Long. | Long. in | Long. by Ob. Course K. H.K. Courses. Winds. L.W. Remarks on the day fifth 8 H. Litt. 8011 the Weather them. 100 100 100 Saw li Mumber of fishing ten 3 dartion of hand & the South 1 10th 10 the liber came in brand. 12 1 Just 2 1 2.11 . 9 West Listhaige To ends 10 11 this Vigage. 12 Dist | Diff. Lat. | Dep. | Lat. by D. R. | Lat. by Ob. | Varia. | Diff. Long. | Long. in | Long. by Ob.

				from			ron	var ds		
Н.	К.	н.к.	Courses.	Winds	W. W.	Remarks				
1 2										
3										
5										
6 7									1	
8 9										
10										
11 12										
1 2										
3 4										
5										
6 7										
8 9										,
10 11										
12		D:	D'a f	15 17		P. I. I. at he Ob	137	Diff Land	T	I I la Ch
Course		Dist.	Diff Lat.	Dep. L	at. by 1).	R. Lat. by Ob.	Varia-	Diff. Long.	Long. in	Long. by Oa
Н.	K		Courses.	Wands	. L.W.	Remaiks				
1			Courses.			110////10				
2										
5 4										
5 6										
7 8										
9										
11 12										
1										
2 3										
4 5										
6 7										
8										
9										
11 12										
Cours	£.	Dist.	Diff. Lat.	Dep. I	eat. by D	R. Lat. by Ob.	Varia.	Diff. Long.	Long, in	Long. by Ob



Course & Distance from the Cape of Good Hope in the Latitude of 34. 26 South Longitude 180236; and the Island of It Helena, in the Latitude of 15055 South and the Longitude 50 51 West. Lat of the Cape - 31, 26's Meridonal parts Longitude of the Cape 18:2.

Si Holena - 15:55's Meridonal parts St Helena - 5:5.

18:31' 2203

24:11 I'd Lat 1111 in miles mend 1235 Diff Lat. Dig Long 1454in 3.09167 As merial Diff Lat 1235 As Merid Diff Lat 1235 3.09167 As Pradius 45 Lat 1911 10.00000 is to Proper Diff Lat 1911 10.00000 cto is 2 the Long 1454 3.16256 to in Secant of Course 49.39' 10.18879 to tang of Course N 49° 39' 10.07089 to the Distance 1716 miles. 3.23450 Listance from It. Melona, in the Latitude of 150 55' South. lind the Longitude of 5051' West and Cape God in the Latitude of 42°05'o Vorth and the Longitude of 70°04' West. Latitude of St Helena 15° 55'S 968 Met Parti Longitude of St. H 5.5; Cape God 42° 05 cl 2788 Mer Parti Congitude of St. H 5.5; Cape Cod 70°04

58' 00' 2786 mer Diff Lat. 64°13. Lat 3480 in miles Long in miles 3853 3. 57473 us merid Diff Lat 3756 is to Radius 45° 10 is Diff of Long 3853 as Tradius 45° is to Oropo Diff Lat 3480 3.54158 10.00000 so is secant of Course 45°44'10. 15613 to is Diff of Long 3853 3. 58580 to Jang of Course & 45'44'4. 10: 01107 to the Listance 4986 miles 3. 69773





